

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
348	0.00	0.00	UCIP	Pipe		DS_ID:17286 EP_NO: 10341 Crossing Status: Found FIELD_STRUCT_DESC: *ABANDONED* 36-inch by 36-inch reinforced concrete box drainage culvert through the levee, invert 9 feet below the crown. Concrete "U" headwall and slide gate on the waterside (WS) slope. (Automatic Board Order (ABO) issued as Permit No. 10341, 1974 - Cousineau). [Additional Reference(s): DWR Levee Log, 2002. USACE Sacramento O&M Manual 136, March 1960 (HLM 6.75)]. Entry Last Updated : 4/17/2021	UCIPAPR2021 10341
1065	0.00	4.67	At Grade	Road / Highway	Land Side	Butte Slough Road (asphalt) with road signs, reflectors, mile markers on the levee crown (Permit No. 9499). Entry Last Updated : 8/25/2015	USACEINSPECT 9499
372	0.03	0.03	Ramp	Ramp	Land Side	Access ramp with gate. Entry Last Updated : 8/24/2015	LEEVELOG
37	0.03	0.03	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E). Entry Last Updated : 8/24/2015	H_LL_GENERAL 9542
384	0.03	0.03	Fence	Metal	Land Side	Entry Last Updated : 8/11/2015	LEEVELOG
6	0.03	0.03	Structure	Pole - Utility	Land Side	Power support pole on landside embankment. (Permit No. 9542). Entry Last Updated : 8/25/2015	USACEPI 9542
36	0.05	0.05	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 0.0. Entry Last Updated : 8/25/2015	LEEVELOG
4	0.06	0.06	Structure	Stairs	Land Side	Concrete stairway on the landward slope. (ABO No. 9497 - DWR) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9497

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Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

400	0.06	0.06	UCIP	Pipe	DS_ID:17328 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 1 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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386	0.07	0.07	UCIP	Pipe	DS_ID:17524 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 2 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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387	0.07	0.07	UCIP	Pipe	DS_ID:17525 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 3 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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390	0.07	0.07	UCIP	Pipe	DS_ID:17526 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 4 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

405	0.07	0.07	UCIP	Pipe		DS_ID:17527 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 5 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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392	0.08	0.08	UCIP	Pipe		DS_ID:17528 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 6 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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7	0.08	0.08	Structure	Pad	Water Side	Concrete pad and wall with steel equipment housing near upper portion of waterside embankment. Entry Last Updated : 8/27/2015	USACEPI
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412	0.08	0.08	UCIP	Pipe		DS_ID:17529 EP_NO: 9497 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Outfall Structure] 7 of 7: 66-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Slide gate on the Butte Slough side. Flap gate located on the Sacramento River side. (seven 66-inch pipes [HLM 0.0] authorized under Automatic Board Order (ABO) issued as Permit No. 9497, 1974 - DWR). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.0), listed as seven 66-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9497
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10	0.08	0.08	Structure	Gauge	Land Side	Staff gage on landward slope. Entry Last Updated : 6/12/2015	GEILEVEELOG
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24	0.08	0.08	Structure	Gauge	Water Side	Gage station on the waterward side with metal walkway. (ABO 9497 - DWR) Entry Last Updated : 6/12/2015	GEILEVEELOG 9497
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Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

5	0.09	0.09	Structure	Pipe Section	Water Side	Structure over water works to Butte Slough with metal platform and concrete abutment. Structure is a 60 inch CMP riser with door and gage attached to riser. (Permit No. 14214). Permit No. 14214 was never issued. Any work performed was done with the application only. Entry Last Updated : 3/25/2020	USACEPI 14214
1066	0.09	0.09	Structure	Building	Land Side	Metal building on concrete piers at upper portion of landside embankment. (Permit No.9538). Entry Last Updated : 9/10/2015	USACEINSPECT 9538
43	0.10	0.10	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit Nos. 9514, 9500, 9534). Entry Last Updated : 9/10/2015	USACEPI 9500 9514
14	0.10	0.49	Revetment	Cobble	Land Side	Entry Last Updated : 8/27/2015	LEEVELOG
1069	0.11	0.25	Ditches	Unlined	Land Side	Irrigation ditch at landside toe. Estimated to be 4 feet deep and 6 feet wide. Entry Last Updated : 9/10/2015	USACEINSPECT
379	0.12	0.12	Aerial	High Voltage	Crossing	Entry Last Updated : 8/5/2015	LEEVELOG
44	0.16	0.16	Structure	Building	Water Side	Trailers, homes, landscaping and other debris located along waterside embankment. Entry Last Updated : 8/27/2015	USACEPI
45	0.17	0.17	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/18/2020	USACEPI
47	0.18	0.18	Ramp	Ramp	Water Side	Ramp on the waterward slope to Wards Boat Landing. Entry Last Updated : 8/25/2015	GEILEVEELOG 9534
394	0.25	0.25	UCIP	Pipe		DS_ID:17317 EP_NO: 12714 Crossing Status: Found FIELD_STRUCT_DESC: 16-inch asphalt coated steel irrigation pipe and 2-inch electrical conduit through the levee, 3 feet below the crown. Pump on the waterside (WS) berm. Standpipe and service pole at the landside (LS) toe. (16-inch pipe authorized under Permit No. 12714, 1979 - Wilbur). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.12), listed as 16-inch steel pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12714

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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
79	0.29	0.69	Revetment	Cobble	Water Side	Bank cobble revetted by USCE 1968. Entry Last Updated : 8/27/2015	GEILEVEELOG		
1077	0.44	0.44	Ramp	Ramp	Land Side	Entry Last Updated : 8/27/2015	USACEINSPECT 8646		
3	0.48	0.48	Ramp	Ramp	Water Side	Entry Last Updated : 2/18/2020	LEVEELOG		
57	0.50	0.50	Ramp	Ramp	Land Side	Entry Last Updated : 2/18/2020	H_LL_GENERAL 8646 9534		
398	0.51	0.51	UCIP	Pipe		DS_ID:17307 EP_NO: 9534 Crossing Status: Found FIELD_STRUCT_DESC: [Butte Slough Drainage Structure] 78-inch drainage pipe of an unknown material through the levee, 30 feet below the crown. Flap gate on the waterside (WS). Corrugated metal pipe (CMP) half riser (in a semi-circle configuration) in the inlet structure on the landside (LS). (78-inch pipe [HLM 0.44] authorized under Automatic Board Order (ABO) issued as Permit No. 9534, 1974 - Caleta). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.44), listed as 78-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 0.44), listed as 78-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9534		
8	0.52	0.52	Ramp	Ramp	Land Side	Entry Last Updated : 2/18/2020	LEVEELOG 8646 9534		
15	0.53	0.65	Revetment	Cobble	Water Side	Entry Last Updated : 8/11/2015	LEVEELOG		
1083	0.54	0.54	Structure	Building	Land Side	55-foot by 60-foot building in a fill area of the landside embankment. Entry Last Updated : 8/27/2015	USACEINSPECT		
69	0.55	0.55	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 0.5. Entry Last Updated : 8/27/2015	GEILEVEELOG		
66	0.56	0.56	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9534 - Caleta) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9534		

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Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

362	0.59	0.59	UCIP	Pipe		DS_ID:17480 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 5-inch pipe of an unknown material and purpose through the levee, invert 17.8 feet below the crown. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 0.53), listed as 5-inch abandoned pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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365	0.60	0.60	UCIP	Pipe		DS_ID:17485 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 3-inch pipe of an unknown material and purpose through the levee, invert 17.8 feet below the crown. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 0.53), listed as 3-inch abandoned pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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9	0.70	0.70	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9534 - Caleta). Entry Last Updated : 2/18/2020	LEVEELOG 9534
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77	0.71	0.71	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. Entry Last Updated : 8/27/2015	USACEPI
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76	0.73	0.73	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9534 - Caleta). Entry Last Updated : 2/18/2020	H_LL_GENERAL 9534
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78	0.74	1.15	Revetment	Cobble	Land Side	Landward slope cobble revetted. Entry Last Updated : 6/12/2015	GEILEVEELOG
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86	0.78	2.08	Aerial	High Voltage	Land Side	Entry Last Updated : 2/20/2020	USACEPI
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93	0.78	0.78	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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99	0.85	0.85	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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98	0.91	0.91	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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Levee Inspections  
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**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
103	0.97	0.97	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
105	1.04	1.04	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
40	1.05	1.05	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 1.0. Entry Last Updated : 8/25/2015	LEVEELOG		
85	1.05	1.05	Ramp	Ramp	Land Side	Ramp with pipe gate on the landward slope. (ABO 9527 Butte Creek Farms). Entry Last Updated : 8/27/2015	GEILEVEELOG 9527		
108	1.11	1.11	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
91	1.16	1.16	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9527 - Butte Creek Farms) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9527		
94	1.17	1.17	Aerial	High Voltage	Crossing	Overhead power line crosses the levee with service poles and guy wire anchor on berm. (ABO 9542 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9542		
414	1.17	1.17	UCIP	Pipe		DS_ID:17319 EP_NO: 9527 Crossing Status: Found FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee, 12.5 feet below the crown. Gate valve on the waterside (WS). Vertical pump on the WS bank. Flow meter on the WS. (18-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9527, 1974 - Butte Creek Farms) [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.12), listed as 18-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 1.10), listed as 18-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9527		
109	1.18	1.18	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
111	1.25	1.25	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
41	1.26	1.56	Revetment	Cobble	Land Side	Entry Last Updated : 9/10/2015	LEVEELOG		

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**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
112	1.32	1.32	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
113	1.36	1.36	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
115	1.36	1.36	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
97	1.39	1.39	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit No. 9527). Entry Last Updated : 9/10/2015	USACEPI 9527		
117	1.41	1.41	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
377	1.44	1.44	UCIP	Pipe		DS_ID:17320 EP_NO: 9543 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe (at 45 degrees) through the levee, 25.2 feet below the crown. Flap gate on the waterside (WS), not found in 2016. (30-inch pipe [HLM 1.38] authorized under Automatic Board Order (ABO) issued as Permit No. 9543, 1974 - Harada). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.38), listed as 30-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 1.38), listed as 30-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021 9543		
120	1.46	1.46	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
107	1.53	1.53	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
121	1.54	1.54	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
122	1.61	1.61	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
123	1.68	1.68	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		



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Waterway						Bank	Unit Miles	Inspector
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Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

124	1.75	1.75	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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126	1.83	1.83	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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127	1.91	1.91	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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401	1.91	1.91	UCIP	Pipe		DS_ID:17322 EP_NO: 9258 Crossing Status: Found FIELD_STRUCT_DESC: 10-inch asphalt coated steel irrigation pipe through the levee, 3.7 feet below the crown. Pump installed on the waterside (WS). (10-inch pipe authorized under Permit No. 9258, 1974 - Harada). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.86), listed as 10-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9258
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416	1.91	1.91	UCIP	Pipe		DS_ID:17321 EP_NO: 9543 Crossing Status: Found FIELD_STRUCT_DESC: BRAND-NEW: 14-inch concrete encased steel irrigation pipe through the levee, 12.5 feet below the crown. Slant pump mounted on a pile structure on the waterside (WS) berm. Slide gate in a 48-inch riser on the WS berm with a walkway to the pump. Pipe discharges into a concrete distribution box at the landside (LS) toe. Flap gate on the LS end. Electrical conduit mounted to power poles on the LS and WS for service to the pump on the WS. Electrical conduits may partially penetrate both embankments. (14-inch steel pipe [HLM 1.84] encased in concrete authorized under Automatic Board Order (ABO) issued as Permit No. 9543, 1974 - Harada). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.84), listed as 14-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 1.84), listed as 14-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9543
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114	1.91	1.91	Aerial	High Voltage	Crossing	Overhead power line crosses the levee with service pole and guy wire anchor on waterward shoulder. (App. No. 1668 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 1668
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1101	1.94	1.94	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9543). Entry Last Updated : 9/2/2015	USACEINSPECT 9543
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Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
132	1.96	1.96	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
133	2.02	2.02	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
125	2.03	2.03	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 2.0. Entry Last Updated : 8/26/2015	GEILEVEELOG		
1103	2.07	2.07	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit No.9543) Entry Last Updated : 8/26/2015	USACEINSPECT 9543		
406	2.08	2.08	UCIP	Pipe		DS_ID:17305 EP_NO: 9541 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 13.5 feet below the crown. Pump in a metal house on the WS (waterside) berm. Slide gate in a corrugated metal pipe riser on the WS slope. Service pole and guy wire anchor on the WS slope. (24-inch CMP [HLM 2.01] authorized under Automatic Board Order (ABO) issued as Permit No. 9541, 1974 - Wilbur, McGowan, Zinke). [Additional Reference(s): DWR Levee Logs, 2002 (HLM 2.01), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 2.01), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9541		
128	2.08	2.08	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 961 PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 961		
134	2.08	2.08	Structure	Pole - Utility	Land Side	1 of 2 power poles within 20 feet of landside toe Entry Last Updated : 2/20/2020	LEVEELOG		
137	2.08	2.08	Structure	Pole - Utility	Land Side	2 of 2 power poles within 20 feet of landside toe. Entry Last Updated : 2/20/2020	LEVEELOG		
131	2.09	2.09	Revetment	Rock	Water Side	Bank rock revetted by USCE 1974, Unit 22, Site Mile 140.3. Entry Last Updated : 6/12/2015	H_LL_GENERAL		

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## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

408	2.30	2.30	UCIP	Pipe		DS_ID:17308 EP_NO: 7343 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 8-inch asphalt coated steel gas pipeline through the levee, 3.5 feet below the crown. Gas line markers found on both sides of the levee. (8-inch gas line authorized under Permit No. 7343, 1971 - Pacific Gas and Electric Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 2.23), listed as 8-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 7343
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53	2.32	2.32	Ramp	Ramp	Land Side	Entry Last Updated : 8/6/2015	LEVEELOG
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74	2.32	2.40	Miscellaneous	Landscaping	Land Side	Vegetation and fencing along LS toe. Entry Last Updated : 9/10/2015	LEVEELOG
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136	2.34	2.34	Ramp	Ramp	Land Side	Entry Last Updated : 2/18/2020	H_LL_GENERAL
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138	2.47	2.47	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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100	2.47	2.96	Aerial	High Voltage	Land Side	Entry Last Updated : 2/20/2020	USACEPI
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46	2.52	2.52	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 2.5. Entry Last Updated : 8/26/2015	LEVEELOG
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139	2.54	2.54	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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410	2.56	2.56	UCIP	Pipe		DS_ID:17309 EP_NO: 9541 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch reinforced concrete box drainage culvert through the levee, 14.3 feet below the crown. 30-inch corrugated metal pipe connects concrete culvert from slide gate out to flap gate on the waterside (WS) end. Slide gate in a concrete riser on the waterside (WS) slope. (30-inch pipe [HLM 2.49] authorized under Automatic Board Order (ABO) issued as Permit No. 9541, 1974 - Wilbur, McGowan, Zinke). [Additional Reference(s): DWR Levee Logs, 2002 (HLM 2.49), listed as 30-inch reinforced concrete box culvert. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 2.49), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9541
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source	
	Start	End					Permits	
140	2.61	2.61	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG	
148	2.63	2.63	Ramp	Ramp	Water Side	Ramp on the waterward slope. Vehicle access ramp from the waterside toe to the levee crown. (ABO 9536 - Sciortino) Entry Last Updated : 9/10/2015	H_LL_GENERAL 9536	
141	2.67	2.67	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG	
417	2.73	2.73	UCIP	Pipe		DS_ID:17310 EP_NO: 9536 Crossing Status: Indicator Found FIELD_STRUCT_DESC: *ABANDONED w/ Permit* 16-inch asphalt coated steel irrigation pipe through the levee 5.0 feet below the crown. Incline pump and gate valve on the waterside (WS) berm. Discharges into concrete standpipe at the landside (LS) toe. (Pipe abandoned and pressure grouted in place under Permit No. 11590A, 1976 - Ehrke; Pipe replaced under Permit No. 11590A, 1976 - Ehrke, see DSID 17482.; 12-inch pipe [HLM 2.65] authorized under Automatic Board Order (ABO) issued as Permit No. 9536, 1974 - Sciortino). [Additional References: DWR Levee Log, 2002 (HLM 2.66), listed as 16-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 2.66), listed as 12-inch pipe at 20-foot invert below crown]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9536	
415	2.73	2.73	UCIP	Pipe		DS_ID:17482 EP_NO: 11590-A Crossing Status: Found FIELD_STRUCT_DESC: 16-inch steel irrigation pipe through the levee, 2 feet below the crown. Incline pump and corrugated metal sheet pump house on a steel structure on the waterside (WS). 12-inch intake pipe runs along the WS slope. Unable to confirm if 12-inch pipe also is sleeved through 16-inch pipe. An electrical pole on the WS shoulder. Siphon breaker off the landside (LS) shoulder. Sand filters found on the LS. (slant pump and use of existing pipe authorized under Permit No. 11590-A, 1976 - Ehrke; this pipe is a replacement for an existing 16-inch pipe (DSID 17310) abandoned and grouted in place under Permit No. 11590-A, 1976 - Ehrke) [Additional References: pipes was originally referenced in DWR Levee Log, 2002 (HLM 2.66), listed as 16-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 2.66), listed as 12-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 11590-A	

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
152	2.73	2.73	Aerial	High Voltage	Crossing	Overhead power lines cross levee alignment. (ABO No. 9542 - PG&E) Entry Last Updated : 9/10/2015	USACEPI 9542		
11	2.73	2.73	Structure	Pole - Utility	Land Side	Power pole at WS hinge. Entry Last Updated : 2/18/2020	LEVEELOG		
96	2.73	2.73	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/18/2020	LEVEELOG		
142	2.78	2.78	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
102	2.83	2.83	Ramp	Ramp	Water Side	Entry Last Updated : 8/6/2015	LEVEELOG		
143	2.83	2.83	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
164	2.87	2.87	Ditches	Unlined	Water Side	Irrigation ditch 5 to 10 feet away from waterside toe, about 12 inch deep and 36 inches wide (Permit No. 11915) Entry Last Updated : 2/25/2020	USACEPI 11915		
144	2.87	2.87	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
147	2.92	2.92	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
149	2.94	2.94	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
104	2.96	2.96	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/18/2020	LEVEELOG		
163	2.96	2.96	Ramp	Ramp	Land Side	Entry Last Updated : 2/18/2020	USACEPI 9536		
169	2.97	2.97	Aerial	Communications	Crossing	Telephone lines cross the levee. (ABO 9525 - California Pacific Utilities) Entry Last Updated : 6/12/2015	GEILEVEELOG 9525		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
168	2.97	2.97	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542		
154	2.98	3.92	Aerial	High Voltage	Land Side	Entry Last Updated : 8/27/2015	USACEPI		
165	2.99	3.31	Aerial	High Voltage	Water Side	Entry Last Updated : 2/18/2020	USACEPI 9521 9542		
151	2.99	2.99	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
59	3.02	3.02	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 3.0. Entry Last Updated : 8/26/2015	LEEVEELOG		
170	3.03	3.03	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO 9536 - Sciortino) Entry Last Updated : 6/12/2015	GEILEVEELOG 9536		
110	3.06	3.06	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
153	3.12	3.12	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
155	3.19	3.19	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
177	3.21	3.21	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9526). Entry Last Updated : 9/10/2015	USACEPI 9526		
156	3.26	3.26	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
157	3.31	3.31	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEEVEELOG		
61	3.31	3.31	Fence	Barbed Wire	Land Side	Fence is located at LS toe. Entry Last Updated : 9/10/2015	LEEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
419	3.32	3.32	UCIP	Pipe		DS_ID:17311 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.4 feet below the crown. Slide gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.25), listed as an abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.25), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
1125	3.34	3.34	Aerial	High Voltage	Crossing	Overhead power lines cross levee alignment. (Permit Nos. 9542 and 9524). Entry Last Updated : 8/27/2015	USACEINSPECT 9524 9542		
176	3.36	4.08	Aerial	High Voltage	Land Side	Overhead utility lines cross levee alignment. Power pole within 15 feet of waterside toe. (Permit No. 9542). Entry Last Updated : 2/20/2020	LEEVELOG 9542		
161	3.36	3.36	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG		
188	3.38	3.38	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9540 - Tucker) Entry Last Updated : 2/18/2020	H_LL_GENERAL 9540		
162	3.39	3.39	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG		
67	3.40	3.40	Ramp	Ramp	Water Side	Entry Last Updated : 9/15/2015	LEEVELOG 9539		
420	3.41	3.41	UCIP	Pipe		DS_ID:17312 EP_NO: 9539 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch by 36-inch reinforced concrete box drainage and irrigation culvert through the levee, invert 13.6 feet below the crown. Gates with 2-inch flashboards on the waterside (WS) end. 6-inch and 18-inch polyvinyl chloride (PVC) pipes through the culvert on the landside (LS). Culvert designed for drainage but now used for irrigation. (2.5-foot by 3-foot concrete culvert drain [HLM 3.35] authorized under Automatic Board Order (ABO) issued as Permit No. 9539, 1974 - Locvich). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.35), listed as 30-inch by 36-inch concrete culvert drain. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.33), listed as 2.5-feet by 3-foot concrete culvert]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9539		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
166	3.43	3.43	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
167	3.47	3.47	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
212	3.47	3.54	Revetment	Rock	Water Side	Bank rock revetted by USCE 1981. Entry Last Updated : 9/10/2015	GEILEVEELOG		
12	3.49	3.49	Ramp	Ramp	Water Side	Entry Last Updated : 2/18/2020	LEVEELOG 9537		
200	3.49	3.49	Ramp	Ramp	Land Side	Entry Last Updated : 9/15/2015	GEILEVEELOG 9537		
201	3.49	3.49	Structure	Building	Water Side	Metal building on the waterward mound. House and equipment. (App. No. 3740 - Locvich) Entry Last Updated : 6/12/2015	H_LL_GENERAL 3740		
171	3.53	3.53	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
172	3.58	3.58	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
173	3.62	3.62	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
13	3.66	3.66	Ramp	Ramp	Land Side	Two (2) ramps on the landward slope. (ABO 9537 - Ferraro). Entry Last Updated : 2/18/2020	LEVEELOG 9537		
174	3.67	3.67	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
428	3.68	3.68	UCIP	Pipe		DS_ID:17313 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 18-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.60), listed as an abandoned 18-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.60), listed as 18-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		



**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

211	3.69	3.69	Ramp	Ramp	Land Side	Entry Last Updated : 9/10/2015	H_LL_GENERAL 9537
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352	3.70	3.70	UCIP	Pipe		DS_ID:17499 EP_NO: 17445 Crossing Status: Not Found FIELD_STRUCT_DESC: *DUPLICATE--SEE DSID 17314* To install a retractable fish screen unit on the existing intake pipe on the waterside slope of the left (east) bank levee of the Sacramento River (R.M. 142.25). Entry Last Updated : 4/17/2021	UCIPAPR2021 17445
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175	3.72	3.72	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG
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178	3.77	3.77	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG
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179	3.82	3.82	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG
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381	3.84	3.84	UCIP	Pipe		DS_ID:17483 EP_NO: 9501 Crossing Status: Not Found FIELD_STRUCT_DESC: 10-inch irrigation pipe of an unknown material, invert 19.8 feet below crown. Pump located on the waterside (WS) of the levee. (10-inch pipe [HLM 3.78] authorized under Automatic Board Order (ABO) issued as Permit No. 9501, 1974 - Mayfair Farms, Inc.) [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.78), listed as 10-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9501
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382	3.84	3.84	UCIP	Pipe		DS_ID:17323 EP_NO: 8647 Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 19.8 feet below the crown. Slide gate on the waterside (WS) end. Pipe silted over on both ends. (existing irrigation facility [HLM 3.78] authorized under Automatic Board Order (ABO) issued as Permit No. 8647, 1973 - Mayfair Farms, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 3.78), listed as an abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.78), listed as 24-inch abandoned pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 8647
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

214	3.85	3.85	Structure	Other	Water Side	FIELD_STRUCT_DESC: To install a retractable fish screen unit on the existing intake pipe on the waterside slope of the left (east) bank levee of Sacramento River (R.M. 142.25). UCIP Comments: 4/6/2015 Unable to locate. This fish screen is associated with Permit 9501A. Entry Last Updated : 9/9/2019	UCIPMAY2015 17445
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429	3.85	3.85	UCIP	Pipe		DS_ID:25455 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *ABANDONED w/ CVFPB Enforcement Action No. 2012-353* 16-inch steel irrigation pipe through the levee, with depth unknown. Pump house with gate valve over concrete pit on waterside (WS) berm. No control valves visible. Pipe discharges into a concrete box at the landside (LS) toe. After a failed pressure test, this pipe was abandoned and pressure grouted in-place under CVFPB Enforcement Action No. 2012-353. Under Permit No. 9501-1, 2014 - Howard, a new 16-inch pipe was installed at this location; see DSID 17314. Levee Log incorrectly cites ABO No. 9501 - Mayfair Farms, which logs a 10-inch not 16-inch at this location. [Additional Resource(s): DWR Levee Log, 2002 (HLM 3.78), listed as 16-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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436	3.85	3.85	UCIP	Pipe		DS_ID:17314 EP_NO: 9501-1 Crossing Status: Found FIELD_STRUCT_DESC: 16-inch asphalt coated steel irrigation pipe through the levee, 2 feet below the crown. Pump house over concrete pit on the waterside (WS) berm. A 16-inch gear-operated butterfly valve inside riser with cover off the WS shoulder. Siphon breaker inside riser with cover off the landside (LS) shoulder. Discharges into a concrete box at the LS toe. (16-inch pipe authorized under Permit No. 9501-1, 2014 - Howard; this pipe was a replacement for an existing (failed) 16-inch pipe under DSID 25455, referenced in the Levee Log and replaced under Permit No. 9501-1; the Levee Log references this pipe's appurtenances along with the original 16-inch under DSID 25455) [Additional Reference(s): pipe replacement for DWR Levee Log, 2002 (HLM 3.78), listed as 16-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9501-1
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181	3.86	3.86	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9542
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182	3.86	3.86	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/20/2020	LEVEELOG 9542
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1142	3.86	3.86	Aerial	High Voltage	Crossing	Entry Last Updated : 2/20/2020	USACEINSPECT 9542		
116	3.89	3.89	Ramp	Ramp	Water Side	Entry Last Updated : 2/18/2020	LEVEELOG		
183	3.92	3.92	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
184	3.99	3.99	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
236	4.00	4.00	Structure	Pipe Section	Land Side	8-inch gas line along the landward slope. (App. No. 9126 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9126		
231	4.00	4.00	Structure	Building	Land Side	Texaco natural gas well. Fence, metal building, and miscellaneous pumps/equipment on pad within 15 feet of landside toe. (Permit No. 14510). Entry Last Updated : 9/10/2015	USACEPI 14510		
235	4.00	4.00	Ramp	Ramp	Land Side	Ramp on the landward slope with pipe gate. (App. No. 8648 - Crane) Entry Last Updated : 6/12/2015	H_LL_GENERAL 8648		
185	4.02	4.02	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
239	4.02	4.02	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 4.0. Entry Last Updated : 9/10/2015	H_LL_GENERAL		
385	4.07	4.07	UCIP	Pipe		DS_ID:25595 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Pipe of unknown purpose or material through the levee at an unknown depth below the levee crown. DWR DMP Geophysical Study found evidence of pipe through the levee. Electrical box and pipe found on the waterside (WS). Pipe and pump appurtenances visible on the landside (LS). No permit has been found authorizing pipe. [Additional Reference(s): DWR Log, 2002 (HLM 3.99), listed as an abandoned 24-inch CMP through the levee 20-feet below the crown. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 3.99), listed as 24-inch pipe with slidegate on WS and LS with an invert below crown of 20-feet.] Entry Last Updated : 4/17/2021	UCIPAPR2021		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
187	4.07	4.07	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
437	4.08	4.08	UCIP	Pipe		DS_ID:17325 EP_NO: 1368 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal irrigation pipe through the levee, 17.5 feet below the crown. Slide gate in a concrete distribution box on the waterside (WS) berm. Slant pump on the WS bank. 12-inch steel pipe from pump to concrete pit. Concrete distribution box and standpipe on the landside (LS). (30-inch pipe authorized under Permit No. 1368, 1949 - Wilbur; Related Permit(s) for installation of the pump and 12-inch pipe that discharges into concrete distribution box authorized under Permit No. 6678, 1969 - R. R. Crane; electrical conduit used to service irrigation pump in conjunction with 12-inch pipe authorized under Permit No. 6834, 1969 - R. R. Crane). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.01), listed as 30-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 4.01), listed as 30-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1368		
242	4.09	4.09	Ramp	Ramp	Land Side	Ramp on the landward slope. (App. No. 8648 - Crane) (App. No. 8647 - Mayfair Farms) Entry Last Updated : 6/12/2015	H_LL_GENERAL 8647 8648		
358	4.10	4.10	UCIP	Pipe		DS_ID:17500 EP_NO: 13082 Crossing Status: Not Found FIELD_STRUCT_DESC: *PERMIT WITHDRAWN--NOT INSTALLED* 20-inch steel irrigation pipe through the levee. (20-inch authorized for installation under Permit No. 13082, 1982 - Butte Creek Farms, pipe never installed per permit records dated 9/4/1986). Entry Last Updated : 4/17/2021	UCIPAPR2021 13082		
1146	4.10	4.10	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 8647). Entry Last Updated : 9/8/2015	USACEINSPECT 8647		
180	4.13	4.34	Aerial	High Voltage	Land Side	Entry Last Updated : 9/11/2015	USACEPI		
189	4.13	4.13	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
191	4.18	4.18	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

192	4.23	4.23	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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253	4.26	4.26	Structure	Building	Water Side	Mobile home constructed on blocks at WS toe. Metal ramp on slope to home. Entry Last Updated : 9/11/2015	LEVEEINSPECTION
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254	4.26	4.46	Structure	Park	Water Side	Colusa Landing. Overbuilt levee section on waterside with RVs, boat ramp, electrical panels, concrete pads, mobile homes, propane tank, and Steelhead Lodge Bar and Grill. (Permit Nos. 2409, 3742, and 7302). Entry Last Updated : 9/11/2015	USACEPI 2409 3742 7302
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193	4.29	4.29	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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81	4.33	4.33	Ramp	Ramp	Land Side	Entry Last Updated : 9/8/2015	LEVEELOG 9501
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264	4.33	4.33	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9527 - Butte Creek Farms) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9527
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266	4.33	4.33	Structure	Building	Water Side	Entry Last Updated : 9/11/2015	USGSQUAD_EGIS 7302
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265	4.33	4.34	Aerial	High Voltage	Crossing	Overhead power and telephone lines cross the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542
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194	4.34	4.34	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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267	4.36	4.36	Structure	Building	Water Side	Installation of toilet facilities on left bank. Entry Last Updated : 9/9/2015	USGSQUAD_EGIS 3742
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206	4.39	4.39	Ramp	Ramp	Land Side	Entry Last Updated : 8/10/2015	LEVEELOG
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268	4.40	4.71	Revetment	Rock	Water Side	Bank rock revetted by USCE 1975, Unit 26, and Site Mile 142.7 left. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

244	4.40	4.40	Structure	Boat Ramp	Water Side	50' x 120' (L/W) boat ramp with expansion of parking area on landside. Entry Last Updated : 9/15/2015	USGSQUAD_EGIS 18802
447	4.44	4.44	UCIP	Pipe		DS_ID:17297 EP_NO: 9501-A Crossing Status: Found FIELD_STRUCT_DESC: 10-inch asphalt coated steel irrigation pipe through the levee, 5 feet below the crown. Siphon breaker off the landside (LS) shoulder. Motor and pump on the waterside (WS) at water level. The pipe is open through the WS slope with an air vent on the apex of the pipe. Another piece of pipe, found laying on the WS slope in 2016, is used to connect the 10-inch open pipe to the pump at the water level. A flexible suction line for the pump found in the water above the pump and motor. Abandoned 16-inch crossing (DSID 17326) associated with this permit also at this location. Pipe through the LS slope is steel with polyvinyl chloride (PVC) pipe installed at its flange; PVC pipe partially penetrates the LS slope. Flow meter installed to PVC pipe section on LS. (fill existing discharge pipe with concrete and install new 10-inch pipe work authorized under Permit No. 9501-A, 1978 - Mayfair Packing, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.37), listed as 10-inch steel pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9501-A
488	4.44	4.44	UCIP	Pipe		DS_ID:17326 EP_NO: 9501 Crossing Status: Found FIELD_STRUCT_DESC: 16-inch steel irrigation pipe, 13.9 feet below the crown. Gate valve and pump in pump house on the waterside (WS) berm. 2-3 inch electrical conduit penetrates levee alongside pipe. Flap gate and concrete distribution box on the landside (LS). (10-inch pipe [HLM 3.78] authorized under Automatic Board Order (ABO) issued as Permit No. 9501, 1974 - Mayfair Farms, abandoned [filled with concrete] under Permit No. 9501-A, 1978 - MayFair Packing, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.37), listed as 16-inch steel pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 4.37), listed as 16-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021 9501
361	4.44	4.44	UCIP	Pipe		DS_ID:17484 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, invert 26 feet below the crown. Slide gate on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 4.37), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
272	4.44	4.44	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO 9542 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9542		
16	4.46	4.46	Ramp	Ramp	Water Side	Entry Last Updated : 2/18/2020	LEVEELOG 9501		
278	4.46	4.46	Ramp	Ramp	Land Side	Entry Last Updated : 2/18/2020	H_LL_GENERAL 9501		
458	4.64	4.64	UCIP	Pipe		DS_ID:17318 EP_NO: 9501 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch asphalt coated steel irrigation pipe, 4 feet below the crown. Slant pump on a steel platform on the waterside (WS) berm. Siphon breaker on the apex of the pipe and off the levee crown on the landside (LS). 2 shut-off (butterfly) valves off the LS toe. Power pole with electrical conduit and panel on the LS toe. Pipe appears to run diagonally through the levee and discharges into a ditch off the LS toe. Gate structure on the outlet at the ditch. (24-inch pipe [HLM 4.58] steel plate welded on WS end and pipe silted over at both ends authorized under Automatic Board Order (ABO) issued as Permit No. 9501, 1974 - Mayfair Farms, Inc.; Slant pump installed under Permit No. 10935, 1975 - Pires) [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.58), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9501		
383	4.64	4.64	UCIP	Pipe		DS_ID:17316 EP_NO: 14137 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch asphalt coated steel irrigation pipe through the levee, invert 4.5 feet below the crown. Inclined pump on the waterside (WS). Siphon breaker on the landside (LS). (30-inch pipe authorized under Permit No. 14137, 1985 - Butte Creek Farms, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.58), listed as 30-inch slap pump]. Entry Last Updated : 4/17/2021	UCIPAPR2021 14137		
291	4.65	4.65	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9531		
83	4.65	4.65	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG		
280	4.66	4.66	At Grade	Road / Highway	Land Side	Butte Slough Road ends landside embankment and continues along landside toe (Permit No. 9499). Entry Last Updated : 9/11/2015	USACEPI 9499		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
289	4.72	4.72	Fence	Chain Link	Land Side	6 foot high chain link fence on landside shoulder and toe. Entry Last Updated : 9/11/2015	USACEPI		
195	4.76	4.76	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEEVEELOG		
314	4.77	4.77	Gate	Metal	Crown	Access gate on crown. (Permit No. 9535). Entry Last Updated : 9/9/2015	USACEPI 9535		
312	4.78	4.78	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9531 - Crane) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9531		
316	4.83	4.83	Gate	Metal	Crown	Cross fence, metal drive gate. (State blank lock) (ABO 9535 - Richie) Entry Last Updated : 6/12/2015	GEILEVEELOG 9535		
299	4.83	4.83	Miscellaneous	Landscaping	Land Side	Retaining wall, stairs, landscaping along landside toe for about 300 feet. (Permit No. 9535). Entry Last Updated : 2/26/2020	USACEPI 9535		
325	4.86	4.86	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. (State blank lock) (ABO No. 9497 - DWR) Entry Last Updated : 3/25/2020	LEEVEELOG 9497		
359	4.86	4.86	Gate	Metal	Crown	Cross fence, pipe gate. (State blank lock) (ABO No. 9497 - DWR) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9497		
197	4.86	4.86	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEEVEELOG 9542		
1554	4.86	5.18	Aerial	High Voltage	Land Side	Entry Last Updated : 8/14/2015	LEEVEELOG 9542		
1558	4.87	4.87	Ramp	Ramp	Land Side	Entry Last Updated : 6/17/2015	LEEVEELOG		
313	4.88	5.19	At Grade	Road / Highway	Land Side	Butte Slough Road (asphalt) with road signs, reflectors. (Permit No. 9499). Entry Last Updated : 2/19/2020	USACEPI 9499		
196	4.92	4.92	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEEVEELOG		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
198	4.98	4.98	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG		
353	5.00	5.00	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 9/9/2015	USACEPI		
199	5.02	5.02	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG		
333	5.02	5.02	Mark	Marker	Land Side	Mile Marker on ls toe. Entry Last Updated : 9/11/2015	GEILEVEELOG		
332	5.02	5.02	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO 9542 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9542		
1557	5.03	5.03	Ramp	Ramp	Water Side	Entry Last Updated : 6/17/2015	LEVEELOG		
371	5.03	5.03	UCIP	Pipe		DS_ID:17287 EP_NO: 9520 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 17 feet below the crown, not found in 2015. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope, found in 2015. Pump on the WS bank and concrete standpipe on the WS berm, found in 2015. 18-inch concrete pipe from standpipe at WS toe. Pipe discharges into a field on the landside (LS), not found in 2015. (24-inch pipe [HLM 4.99] authorized under Automatic Board Order (ABO) issued as Permit No. 9520, 1974 - Arnold). [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.99), listed as 24-inch drain pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 4.99), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9520		
340	5.03	5.03	Structure	Distribution Box	Water Side	UCIP Comments: 4/6/2015 Repairs are in progress to this crossing. Surge box on WS and distribution box across the county road on LS. Abandoned pump station and electrical panel on WS. A concrete pump pit on WS. Entry Last Updated : 9/9/2015	UCIPMAY2015 2904		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

465	5.04	5.04	UCIP	Pipe		DS_ID:17288 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 13.8 feet below the crown, not found in 2015. Slide gate in a CMP riser on the waterside (WS) slope, found in 2015. Flap gate removed at the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 4.99), listed as abandoned 36-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 4.99), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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202	5.04	5.04	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG
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308	5.04	5.04	Ramp	Ramp	Water Side	Entry Last Updated : 3/25/2020	LEVEELOG 9520
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322	5.04	5.04	Ramp	Ramp	Land Side	Entry Last Updated : 3/25/2020	USACEPI 9520
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466	5.04	5.04	UCIP	Pipe		DS_ID:17289 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 18.4 feet below the crown, not found in 2016. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) shoulder, found in 2016. Pump and concrete pump pit on the WS bank, found in 2013. Concrete surge box on the WS berm, found in 2016. Pipe discharges into an irrigation ditch on the landside (LS). (Levee Log references Permit No. 2904, 1958 - Butte Creek Farms, Inc. This permit authorizes an existing pump house and makes no mention of pipe size or its appurtenances). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.0), listed as 36-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, (HLM 5.00), listed as 36-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

467	5.05	5.05	UCIP	Pipe		DS_ID:17290 EP_NO: 9530 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 16-inch concrete encased steel irrigation pipe through the levee, 12 feet below the crown, not found in 2015. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope, found in 2015. Pump on the WS bank, not found in 2015. Switch panel on the WS berm. Landside (LS) end of the pipe crosses through a 4-foot by 4-foot concrete box culvert under the county road. (16-inch pipe [HLM 5.01] authorized under Automatic Board Order (ABO) issued as Permit No. 9530, 1974 - Halsey). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.01), listed 16-inch steel pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 5.01), listed as 16-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9530
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344	5.06	5.06	Barrier	Boulder	Land Side	2 foot tall rock barricade at landside toe. Entry Last Updated : 6/17/2015	USACEPI
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203	5.07	5.07	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG
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204	5.10	5.10	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG
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1555	5.14	5.14	Ramp	Ramp	Water Side	Entry Last Updated : 6/17/2015	LEVEELOG
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205	5.14	5.14	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG
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476	5.15	5.15	UCIP	Pipe		DS_ID:17291 EP_NO: 4091 Crossing Status: Found FIELD_STRUCT_DESC: 8-inch asphalt coated steel irrigation pipe through the levee, 4 feet below the crown. Pump on the waterside (WS) bank. Gate valve in a concrete pipe riser on the WS shoulder. (8-inch pipe authorized under Permit No. 4091, 1962 - Halsey, Yerxa). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.10), listed as 8-inch steel pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 4091
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354	5.17	5.17	Ramp	Ramp	Land Side	Ramp on the landward slope. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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207	5.18	5.18	Structure	Pole - Utility	Land Side	Entry Last Updated : 3/25/2020	LEVEELOG
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
17	5.20	5.20	At Grade	Road / Highway	Crossing	Entry Last Updated : 2/19/2020	LEVEELOG		
1181	5.20	5.20	Structure	Bridge	Crossing	Entry Last Updated : 2/19/2020	USACEINSPECT 12478 12478A		
1561	5.21	5.21	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG		
1185	5.21	5.21	Aerial	Communications	Crossing	Entry Last Updated : 7/22/2015	USACEINSPECT 9491		
1562	5.21	5.21	Structure	Pole - Utility	Land Side	Pole located in LS toe. Entry Last Updated : 3/25/2020	LEVEELOG		
363	5.23	5.23	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 6233 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 6233		
479	5.26	5.26	UCIP	Pipe		DS_ID:17292 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 15.8 feet below the crown, not found in 2015. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope, found in 2015. Levee Log states that the pipe is plugged on the WS end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.21), listed as abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 5.21), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
324	5.26	5.26	Fence	Chain Link	Water Side and Land Side	Cross fence, metal drive gate. (ABO 9514 - Boggs) Entry Last Updated : 3/25/2020	LEVEELOG 9514		
364	5.26	5.26	Gate	Metal	Crown	Cross fence, metal drive gate. (ABO 9514 - Boggs) Entry Last Updated : 8/26/2015	GEILEVEELOG 9514		
1563	5.27	5.27	Aerial	High Voltage	Crossing	Entry Last Updated : 6/17/2015	LEVEELOG		
1188	5.27	5.38	Aerial	High Voltage	Water Side	Entry Last Updated : 8/14/2015	USACEINSPECT		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

208	5.29	5.29	Structure	Pole - Utility	Water Side	Power pole located in WS slope. Entry Last Updated : 3/25/2020	LEVEELOG
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210	5.38	5.38	Structure	Pole - Utility	Water Side	Power pole located in WS slope. Entry Last Updated : 3/25/2020	LEVEELOG
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373	5.41	5.41	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9514
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480	5.43	5.43	UCIP	Pipe		DS_ID:17293 EP_NO: 9514 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, invert 11 ft below the crown. 8-inch polyvinyl chloride (PVC) pipe sleeved through the 24-inch corrugated metal pipe (CMP) with the annular space grouted. Slide gate in a CMP riser on the waterside (WS) slope. Concrete headwall on the WS berm, pump on the WS bank. Discharges into a field at the landside (LS) toe. Irrigation ditch across WS berm to headwall. (24-inch pipe [HLM 5.39] authorized under Automatic Board Order (ABO) issued as Permit No. 9514, 1974 - Boggs). [Additional Reference(s): DWR Levee Log, 2002 (HLM 5.39), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 5.39), listed as 24-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021 9514
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18	5.44	5.44	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9514
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378	5.44	5.44	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9514
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1564	5.48	5.48	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 5.5. Entry Last Updated : 7/22/2015	LEVEELOG
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380	5.49	5.49	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9514 - Boggs) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9514
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388	5.69	5.69	Miscellaneous	Easement	Water Side	Environmental Easement. Parcel 12226, Site Mile 144.7 Lt., Grace Boggs. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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391	5.72	5.86	Revetment	Rock	Water Side	Bank rock revetted by USCE. Entry Last Updated : 8/28/2015	H_LL_GENERAL
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
20	5.73	5.73	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9514		
389	5.73	5.73	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9514		
393	5.84	5.84	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO 9514 - Boggs) Entry Last Updated : 6/12/2015	GEILEVEELOG 9514		
395	5.92	5.92	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9514		
396	6.00	6.00	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 6.0. Entry Last Updated : 8/14/2015	H_LL_GENERAL		
1565	6.07	6.07	Ramp	Ramp	Land Side	Entry Last Updated : 6/17/2015	LEVEELOG		
485	6.08	6.08	UCIP	Pipe		DS_ID:17294 EP_NO: 9514 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 12 feet below the crown. 8-inch polyvinyl chloride (PVC) pipe sleeved through the 36-inch pipe with the annular space grouted. Slide gate (removed in 2016) in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Well structure off landside (LS) toe possibly associated with this pipe. (30-inch CMP [HLM 6.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9514, 1974 - Boggs). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.05), listed as 30-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 6.05), listed as 30-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9514		
399	6.39	6.39	Ramp	Ramp	Water Side	Vehicle access ramp on waterside embankment (Permit No. 9532). Entry Last Updated : 3/25/2020	USACEPI 9532		
326	6.39	6.39	Fence	Metal	Water Side and Land Side	Cross fence, pipe gate. (ABO No. 9514 - Boggs) Entry Last Updated : 3/25/2020	LEVEELOG 9514		
402	6.39	6.39	Gate	Metal	Crown	Cross fence, pipe gate. (ABO No. 9514 - Boggs) Entry Last Updated : 8/14/2015	H_LL_GENERAL 9514		
404	6.40	6.40	Ramp	Ramp	Land Side	Ramp on LS. (ABO No. 9530 - Halsey) Entry Last Updated : 8/13/2015	H_LL_GENERAL 9530		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

496	6.40	6.40	UCIP	Pipe		DS_ID:17306 EP_NO: 9530 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. (30-inch pipe [HLM 6.37] authorized under Automatic Board Order (ABO) issued as Permit No. 9530, 1974 - Halsey). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.37), listed as 30-inch CMP]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9530
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409	6.48	6.48	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 6.5. Entry Last Updated : 7/24/2015	H_LL_GENERAL
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407	6.48	6.48	Structure	Building	Land Side	Four (4) buildings at landward levee toe. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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21	6.54	6.54	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG 9530
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411	6.54	6.54	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9530
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1210	6.64	6.64	Aerial	High Voltage	Crossing	Overhead utility lines cross levee alignment. (Permit No. 5030). Entry Last Updated : 7/24/2015	USACEINSPECT 5030
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374	6.64	6.64	UCIP	Pipe		DS_ID:17296 EP_NO: 9530 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 13.5 feet below the crown, not found in 2015. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope, found in 2015. (24-inch pipe [HLM 6.61] authorized under Automatic Board Order (ABO) issued as Permit No. 9530, 1974 - Halsey). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.61), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 6.61)]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9530
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22	6.87	6.87	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9533
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439	6.87	6.87	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9533
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

367	6.89	6.89	UCIP	Pipe		DS_ID:17505 EP_NO: 3073 Crossing Status: Not Found FIELD_STRUCT_DESC: 5-inch cast iron sewer line through the levee, 4.5 feet below the crown. Septic tank and leach lines on the landside (LS) toe. (sewer line authorized under Permit No. 3073, 1959 - Mason). Entry Last Updated : 4/17/2021	UCIPAPR2021 3073
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1212	6.91	6.91	Structure	Building	Land Side	Widened levee crown. House located on landside crown. Entry Last Updated : 8/28/2015	USACEINSPECT
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1214	6.91	6.91	Aerial	High Voltage	Crossing	Entry Last Updated : 8/28/2015	USACEINSPECT 3945 9525
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491	6.92	6.92	UCIP	Pipe		DS_ID:17298 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 2.5-inch gas pipeline of an unknown material through the levee, 1 foot below the crown. Gas storage tanks on the landside (LS). [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.89), listed as 2.5-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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502	6.94	6.94	UCIP	Pipe		DS_ID:17299 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 1.25-inch galvanized iron drinking water pipe through the levee, 10 feet below the crown. Water line to marina. [Additional Reference(s): DWR Levee Log, 2002 (HLM 6.92), listed as 1.25-inch galvanized pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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213	6.96	6.96	Structure	Pole - Utility	Land Side	Landside power pole and telephone line crossing over levee alignment. (Permit No. 9525). Entry Last Updated : 2/20/2020	LEVEELOG 9525
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1215	6.96	6.96	Aerial	High Voltage	Crossing	Entry Last Updated : 8/28/2015	USACEINSPECT 9525
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431	6.96	7.01	At Grade	Road / Highway	Land Side	Asphalt road (River road) within 15-feet of landside toe. Entry Last Updated : 8/28/2015	USACEPI
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450	6.97	6.97	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1217	7.02	7.02	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	USACEINSPECT		
23	7.06	7.06	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9497 9533		
449	7.06	7.06	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9497 9533		
451	7.06	7.06	Gate	Metal	Crown	Pipe gate. (ABO No. 9497 - DWR) Entry Last Updated : 8/28/2015	H_LL_GENERAL 9497		
453	7.07	7.07	Structure	Park	Water Side	Parking area for Colusa Weir Recreation Area. Pipe barricade across crown. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
456	7.07	7.07	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 9783 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9783		
454	7.12	7.12	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Entry Last Updated : 6/12/2015	GEILEVEELOG		
459	7.12	7.47	Structure	Bridge	Crown	Colusa weir [Bridge over Weir] River Road. Entry Last Updated : 9/15/2015	GEILEVEELOG		
469	7.47	7.47	Gate	Metal	Crown	Pipe gate. (ABO No. 9497 - DWR) Entry Last Updated : 8/28/2015	GEILEVEELOG 9497		
471	7.47	7.47	Aerial	High Voltage	Crossing	Overhead telephone cable crosses the levee. Pole in the landward slope. (ABO 9525 - Calif. Pacific Utilities) Entry Last Updated : 6/12/2015	GEILEVEELOG 9525		
1223	7.47	7.47	Structure	Gauge	Water Side	Stream level gage on waterside embankment. (Permit No. 9497). Entry Last Updated : 8/28/2015	USACEINSPECT 9497		
1567	7.47	7.54	Fence	Barbed Wire	Water Side	Entry Last Updated : 6/17/2015	LEVEELOG		
472	7.48	7.48	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 7.5. Entry Last Updated : 8/28/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

368	7.48	7.48	UCIP	Pipe		DS_ID:17506 EP_NO: 11560 Crossing Status: Found FIELD_STRUCT_DESC: 1-inch service conduit of an unknown material through the levee, at an unknown depth below the crown. Tipping bucket rain gauge station with walkway on the waterside (WS) slope. (interconnecting lines and telephone lines authorized under Permit No. 11560, 1976 - National Weather Service). Entry Last Updated : 4/17/2021	UCIPAPR2021 11560
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462	7.49	7.52	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Gage station on the waterward side with wooden walkway on the waterward slope. (ABO No. 9497 - DWR) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9497
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31	7.49	7.49	Structure	Gauge	Water Side	Entry Last Updated : 2/19/2020	LEEVELOG 9497
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1227	7.49	7.49	Structure	Gauge	Water Side	Entry Last Updated : 8/28/2015	USACEINSPECT 11560
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473	7.49	7.49	Mark	Survey	Water Side	UCIP Comments: A DWR bench mark found on WS. 4/1/15 Entry Last Updated : 8/26/2015	UCIPMAY2015 11560
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477	7.57	7.57	Structure	Control Box	Land Side	Utility box on landside toe. Approximately 1 foot wide and 3 feet tall. Entry Last Updated : 2/19/2020	USACEPI
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503	7.58	7.58	UCIP	Pipe		DS_ID:17300 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14.5 feet below the crown, not found in 2015. Slide gate in a concrete surge box on the waterside (WS) berm, found in 2015. Slide gate in a corrugated metal pipe (CMP) riser, found in 2015. Pump on the WS slope, not found in 2015. [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.61), listed as abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 7.61), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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1569	7.58	7.58	Ramp	Ramp	Water Side	Entry Last Updated : 6/17/2015	LEEVELOG 11958
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
482	7.61	7.61	Ramp	Ramp	Land Side	Entry Last Updated : 8/28/2015	H_LL_GENERAL 9532		
484	7.67	7.67	Gate	Metal	Land Side	Access gate at landside toe. (Permit No. 9532) Entry Last Updated : 8/26/2015	USACEPI 9532		
1233	7.67	7.76	Aerial	High Voltage	Land Side	Entry Last Updated : 9/9/2015	USACEINSPECT 9542		
215	7.70	7.70	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
217	7.70	7.75	Aerial	High Voltage	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
504	7.72	7.72	UCIP	Pipe		DS_ID:17301 EP_NO: 9532 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch by 48-inch reinforced concrete box drainage culvert through the levee, 11.6 feet below the crown. Slide gate in a concrete box on the waterside (WS) slope. (3-foot by 4-foot culvert [HLM 7.73] authorized under Automatic Board Order (ABO) issued as Permit No. 9532, 1974 - Martin). [Additional Reference(s): DWR Levee Log, 2002 (HLM 7.73), listed as 3-foot by 4-foot concrete culvert. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 7.73), listed as 3-foot by 4-foot abandoned concrete culvert]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9532		
490	7.73	7.73	Ramp	Ramp	Water Side	Ramp on the waterward shoulder. (ABO 9532 - Martin) Entry Last Updated : 6/12/2015	GEILEVEELOG 9532		
216	7.75	7.75	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
32	7.82	7.82	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG 9529		
1238	7.82	7.82	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	USACEINSPECT 9529		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

369	7.86	7.86	UCIP	Pipe		DS_ID:17490 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch drainage pipe of an unknown material through the levee, at an unknown depth below the crown. Pipe is plugged according to USACE O&M manual. [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 7.86), listed as 24-inch pipe plugged]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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360	7.92	8.09	Aerial	High Voltage	Land Side	Entry Last Updated : 9/9/2015	LEVEELOG
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218	7.96	7.96	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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497	7.98	7.98	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 8.0. Entry Last Updated : 8/26/2015	H_LL_GENERAL
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1239	8.01	8.01	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9529). Entry Last Updated : 8/28/2015	USACEINSPECT 9529
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219	8.03	8.03	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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492	8.03	8.03	UCIP	Pipe		DS_ID:17302 EP_NO: 9529 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14.8 feet below the crown, not found in 2015. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) shoulder, found in 2015. (24-inch pipe [HLM 8.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9529, 1974 - Dorwood Ranching Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.05), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.05), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9529
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220	8.08	8.08	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
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501	8.10	8.10	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit No. 9529). Entry Last Updated : 8/28/2015	USACEPI 9529
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

516	8.17	8.17	Gate	Metal	Crown	Pipe gate. Entry Last Updated : 6/12/2015	GEILEVEELOG
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514	8.17	8.17	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542
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1245	8.19	8.19	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit no. 9529). Entry Last Updated : 8/28/2015	USACEINSPECT 9529
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523	8.28	8.28	Revetment	Rock	Water Side	Bank rock revetted by USCE 1973, Unit 26, Site Mile 147.3. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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522	8.29	8.29	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9525 - Dorwood Ranch) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9525
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524	8.31	8.31	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9525 - Dorwood Ranch) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9525
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421	8.32	8.32	UCIP	Pipe		DS_ID:17304 EP_NO: 9529 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, invert 12.8 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete box at the landside (LS) toe. (24-inch pipe [HLM 8.35] authorized under Automatic Board Order (ABO) issued as Permit No. 9529, 1974 - Dorwood Ranching Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.35), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.35), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9529
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

422	8.34	8.34	UCIP	Pipe		DS_ID:17303 EP_NO: 9529 Crossing Status: Not Found FIELD_STRUCT_DESC: 12-inch corrugated metal pipe (CMP) of unknown purpose through the levee, 2.5 feet below the crown. Pipe welded shut at both ends. (12-inch pipe [HLM 8.34] authorized under Automatic Board Order [ABO] issued as Permit No. 9529, 1974 - Dorwood Ranching Co., noted as welded shut at both ends) [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.34), listed as abandoned 12-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.34), listed as 12-inch pipe with plates welded on each end]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9529
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423	8.38	8.38	UCIP	Pipe		DS_ID:17338 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Pipe of unknown diameter, purpose and material through the levee, at an unknown depth below the crown, not found. Vacuum breaker inside steel standpipe on the landside (LS) shoulder, found in 2015. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.43), no pipe size referenced]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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539	8.48	8.48	Mark	Marker	Water Side	Mile Marker waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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430	8.52	8.52	UCIP	Pipe		DS_ID:17295 EP_NO: 9529 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch irrigation and drainage pipe through the levee, invert 11.5 feet below the crown. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) slope. (24-inch pipe [HLM 8.55] authorized under Automatic Board Order (ABO) issued as Permit No. 9529, 1974 - Dorwood Ranching Co.) [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.55), listed as an abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.55), listed as 24-inch pipe] Entry Last Updated : 4/17/2021	UCIPAPR2021 9529
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327	8.53	8.53	Fence	Metal	Water Side and Land Side	Vehicle access gate and fence on embankments (Permit Nos. 2507 and 9529) Entry Last Updated : 3/25/2020	LEVEELOG 2507 9529
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1258	8.53	8.53	Gate	Metal	Crown	Vehicle access gate and fence on embankments (Permit Nos. 2507 and 9529) Entry Last Updated : 8/26/2015	USACEINSPECT 2507 9529
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

543	8.55	8.55	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO 9528 - Lamb) Entry Last Updated : 6/12/2015	GEILEVEELOG 9528
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375	8.56	8.56	UCIP	Pipe		DS_ID:17327 EP_NO: 9528 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Slide gate on the waterside (WS). (24-inch corrugated metal pipe [HLM 8.59] authorized under Automatic Board Order (ABO) issued as Permit No. 9528, 1974 - Lamb). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.59), listed as an abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.59), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9528
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546	8.56	8.56	Structure	Gauge	Water Side	Gaging staff on the waterward slope. Entry Last Updated : 6/12/2015	GEILEVEELOG
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553	8.58	8.58	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9525 - Strifler) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9525
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432	8.65	8.65	UCIP	Pipe		DS_ID:17351 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Slide gate on the waterside (WS), removed. Pipe is plugged and abandoned in place. [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.67), listed as a 24-inch pipe plugged and abandoned in place with slide gate removed. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.67), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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1265	8.67	8.67	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 8/28/2015	USACEINSPECT
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

510	8.70	8.70	UCIP	Pipe		DS_ID:17352 EP_NO: 9523 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 10-inch concrete encased steel drainage pipe through the levee, invert 15 feet below the crown, not found in 2016. Gate valve in a 42-inch corrugated metal pipe riser on the waterside (WS) slope, found in 2016. (10-inch pipe [HLM 8.70] authorized under Automatic Board Order (ABO) issued as Permit No. 9523, 1974 - Blackmore). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.70), listed as 10-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.70), listed as 10-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9523
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33	8.72	8.72	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9523
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562	8.72	8.72	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9523
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440	8.75	8.75	UCIP	Pipe		DS_ID:17353 EP_NO: 4491 Crossing Status: Found FIELD_STRUCT_DESC: 4-inch steel drainage pipe sleeved through 24-inch corrugated metal pipe through the levee, 16.7 feet below the crown. Annular space has been pressure grouted. Slide gate on the waterside (WS) end. Gate valve at the landside (LS) toe. (4-inch pipe through an existing 24-inch pipe authorized under Permit No. 4491, 1964 - Blackmore). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.74), 4-inch pipe sleeved through 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.74), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 4491
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567	8.76	8.76	Structure	Building	Land Side	Abandoned residential buildings, barn, and shed within 15-feet of landside toe. Entry Last Updated : 8/28/2015	LEVEEINSPECTION
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

441	8.78	8.78	UCIP	Pipe		DS_ID:17354 EP_NO: 9523 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 12-inch corrugated metal drainage pipe through the levee, invert 12.5 feet below the crown, not found in 2016. Slide gate on the waterside (WS), found in 2016. (12-inch pipe [HLM 8.78] authorized under Automatic Board Order (ABO) issued as Permit No. 9523, 1974 - Blackmore). [Additional Reference(s): DWR Levee Log, 2002 (HLM 8.78), listed as 12-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 8.78), listed as 12-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9523
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573	8.79	8.79	Gate	Metal	Crown	Pipe gate. (ABO No. 9497 DWR). Entry Last Updated : 8/28/2015	H_LL_GENERAL 9497
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1273	8.92	8.92	Structure	Building	Land Side	Wooden shed within 15-feet of landside toe. Entry Last Updated : 8/28/2015	USACEINSPECT
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575	8.97	8.97	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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34	9.24	9.24	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9522
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580	9.24	9.24	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9522
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581	9.25	9.25	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542
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448	9.37	9.37	UCIP	Pipe		DS_ID:17355 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 13.5 feet below the crown. Slide gate on the landside (LS) headwall. Steel plate welded on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.40), listed as 24-inch pipe with steel plate welded on the WS end. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 9.40), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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588	9.50	9.50	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 9.5. Entry Last Updated : 8/26/2015	H_LL_GENERAL
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
591	9.73	9.73	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9522). Entry Last Updated : 8/28/2015	USACEPI 9522		
2	9.74	9.74	Structure	Pump Station	Water Side	Proposed installation of a retractable fish screen unit on an existing intake pipeline on the waterside slope of the left (east) bank of the Sacramento River. The project is located approximately 4 miles upstream (north) of Colusa and one half mile upstream of the easterly extension of Reese Avenue. - 1/3/2017 10:33:10 AM Historic Entry Last Updated : 8/22/2019	LEEVELOG 17364		
601	9.74	9.78	Revetment	Rock	Water Side	Bank rock revetted by Sutter Yard. 1958. Entry Last Updated : 8/28/2015	H_LL_GENERAL		
515	9.75	9.75	Structure	Pole - Utility	Water Side	Power pole on WS slope. Entry Last Updated : 8/28/2015	LEEVELOG		
92	9.75	9.75	Structure	Control Box	Water Side	Control box at WS toe. Entry Last Updated : 3/25/2020	LEEVELOG		
1281	9.75	9.75	Aerial	High Voltage	Crossing	Overhead power line crosses levee alignment. (Permit No. 1099). Entry Last Updated : 2/26/2020	USACEINSPECT 1099		
452	9.75	9.75	UCIP	Pipe		DS_ID:17356 EP_NO: 1082 Crossing Status: Found FIELD_STRUCT_DESC: 48-inch corrugated metal irrigation pipe angles (45 degrees) through the levee, 17 feet below the crown. Slide gate in a surge box on the waterside (WS) end. Service poles and meter boxes on the WS slope. Pump on the WS toe. (no permit found authorizing pipe; pump installation authorized under Permit No. 1082, 1946 - Wilbur). [Additional Reference(s): DWR Levee Log, 2002 (HLM 9.77), listed as 48-inh CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 9.77), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1082		
1283	9.77	9.77	Fence	Barbed Wire	Land Side	Barbed wire fence up to landside toe. Entry Last Updated : 8/28/2015	USACEINSPECT		
35	9.80	9.80	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEEVELOG 9519		
1284	9.80	9.80	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEINSPECT 9519		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1571	9.82	9.82	Gate	Metal	Crown	Entry Last Updated : 8/13/2015	LEVEELOG 9497		
227	9.85	9.85	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
1287	9.85	10.22	Aerial	High Voltage	Land Side	Entry Last Updated : 2/25/2020	USACEINSPECT		
222	9.88	9.88	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG		
226	9.91	9.91	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
606	9.94	9.94	Structure	Control Box	Land Side	Electrical box at landside toe. Entry Last Updated : 2/19/2020	USACEPI		
221	10.00	10.00	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
607	10.02	10.02	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
228	10.05	10.05	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
1288	10.07	10.23	At Grade	Road / Highway	Land Side	Asphalt road (River Road) along landside toe. Approximately 12 feet wide. Entry Last Updated : 9/11/2015	USACEINSPECT		
229	10.08	10.08	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
230	10.10	10.10	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
232	10.13	10.13	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
233	10.17	10.17	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1293	10.19	10.19	Miscellaneous	Turnout	Water Side	100-foot long, 100-foot wide overbuilt section of waterside embankment. Entry Last Updated : 8/28/2015	USACEINSPECT		
618	10.19	10.19	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9518 - Lewis) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9518		
1292	10.19	10.19	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 2/19/2020	USACEINSPECT		
617	10.19	10.19	Structure	Building	Water Side	Building on the waterward side. (ABO No. 9518 -Lewis) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9518		
234	10.20	10.20	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEEVELOG		
619	10.21	10.21	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542		
1573	10.24	10.34	Ditches	Unlined	Water Side	Ditch has approximately 140-feet of PVC pipe running in the ditch from point of diversion. Entry Last Updated : 8/28/2015	LEEVELOG		
1572	10.26	10.26	Structure	Building	Land Side	Building located within 10 feet of LS toe. Entry Last Updated : 8/28/2015	LEEVELOG		
455	10.27	10.27	UCIP	Pipe		DS_ID:17357 EP_NO: 9518 Crossing Status: Found FIELD_STRUCT_DESC: 48-inch corrugated metal irrigation pipe through the levee, 17 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Water transfer ditch from the pump on the riverbank, located about 600 feet upstream (39.2705001, -122.0010317), to the pipe. Discharges into a concrete box on the landside (LS) toe. (48-inch pipe [HLM 10.27] and water transfer ditch from pump on river-bank to pipe authorized under Automatic Board Order (ABO) issued as Permit No. 9518, 1974 - Lewis). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.27), listed as 48-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.27), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9518		
1575	10.31	10.35	Ditches	Unlined	Land Side	Unlined ditch 6-feet wide, 8- to 15-feet from LS toe. Entry Last Updated : 8/28/2015	LEEVELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
237	10.31	10.31	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
1574	10.32	10.32	Aerial	High Voltage	Crossing	Overhead utility line crosses levee alignment. (Permit No. 13508) Entry Last Updated : 7/29/2015	LEVEELOG 13508		
460	10.35	10.35	UCIP	Pipe		DS_ID:17358 EP_NO: 9517 Crossing Status: Found FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Slide gate in a concrete distribution box on the landside (LS) toe. (48-inch pipe [HLM 10.39] authorized under Automatic Board Order (ABO) issued as Permit No. 9517, 1974 - Griffin). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.39), listed as 48-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.47), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9517		
632	10.37	10.46	Revetment	Rock	Water Side	Bank rock revetted Entry Last Updated : 6/12/2015	H_LL_GENERAL		
1302	10.40	10.40	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9517) Entry Last Updated : 7/29/2015	USACEINSPECT 9517		
1303	10.44	10.44	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe. Entry Last Updated : 8/28/2015	USACEINSPECT 9517		
645	10.49	10.49	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

461	10.51	10.51	UCIP	Pipe		DS_ID:17371 EP_NO: 9517 Crossing Status: Not Found FIELD_STRUCT_DESC: *REMOVED* 18-inch steel irrigation pipe through the levee, 17.1 feet below the crown. Gate valve and flap gate in a concrete distribution box. Water meter in a corrugated metal pipe (CMP) riser at the landside (LS) toe. Gate valve in a CMP on the waterside (WS). (18-inch steel pipe [HLM 10.53] authorized under Automatic Board Order (ABO) issued as Permit No. 9517, 1974 - Griffin; pipe was removed under Permit No. 17860, 2004 - J. Griffin). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.53), listed as 18-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.53), listed as 18-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9517
349	10.51	10.51	UCIP	Pipe		DS_ID:17507 EP_NO: 17860 Crossing Status: Found FIELD_STRUCT_DESC: 18-inch asphalt coated steel irrigation pipe through the levee, at an unknown depth. Pump on waterside (WS). Positive closure device (butterfly valve) inside 36-inch corrugated metal riser on WS. Two concrete cutoff walls around pipe. (18-inch pipe authorized under Permit No. 17860, 2004 - J. Griffin; previous existing 18-inch pipe was removed under this permit. Note that permit incorrectly states pipe was installed in MA0001, pipe was installed in ST0003) Entry Last Updated : 4/17/2021	UCIPAPR2021 17860
650	10.54	10.54	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 1830 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 1830
1308	10.54	10.54	Structure	Pole - Utility	Water Side	Power pole on waterside embankment. (Permit No. 1830). Entry Last Updated : 8/28/2015	USACEINSPECT 1830
1307	10.54	10.54	Structure	Pump Station	Water Side	Pump house at waterside toe. (Permit No. 9517) Entry Last Updated : 8/26/2015	USACEINSPECT 9517

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

463	10.55	10.55	UCIP	Pipe		DS_ID:17360 EP_NO: 9517 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 20.1 feet below the crown. Pump house on the waterside (WS) berm. Concrete distribution box and flap gate on the landside (LS) toe. Water meter in a corrugated metal pipe (CMP) riser on the LS toe. (24-inch pipe [HLM 10.57] authorized under Automatic Board Order (ABO) issued as Permit No. 9517, 1974 - Griffin). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.57), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.57), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9517
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38	10.56	10.56	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG 9517
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1309	10.59	10.59	Ramp	Ramp	Water Side	Entry Last Updated : 9/11/2015	USACEINSPECT 9517
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1310	10.59	10.59	Structure	Pipe Section	Land Side	36-inch concrete pipe outlet parallel to levee at landside toe. Unable to determine where pipe was going or if it is a remnant piece of pipe. Entry Last Updated : 8/28/2015	USACEINSPECT
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464	10.69	10.69	UCIP	Pipe		DS_ID:17350 EP_NO: 1369 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch steel irrigation pipe through the levee, 4 feet below the crown. Siphon breaker on the landside (LS) slope. Concrete distribution box on the LS toe. (22-inch pipe authorized under Permit No. 1369, 1949 - Griffin). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.71), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.68), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1369
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238	10.70	10.70	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 14968
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240	10.70	10.70	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG 14968
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660	10.70	10.70	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 14968 - PG&E, 3/89) Entry Last Updated : 3/25/2020	GEILEVEELOG 14968
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
328	10.70	10.70	Fence	Metal	Water Side and Land Side	Fence on landside and waterside embankments. Entry Last Updated : 3/25/2020	LEVEELOG		
1312	10.70	10.70	Gate	Metal	Crown	Access gate on levee crown. Entry Last Updated : 3/25/2020	USACEINSPECT		
1577	10.71	11.22	Fence	Barbed Wire	Land Side	Entry Last Updated : 6/18/2015	LEVEELOG		
468	10.99	10.99	UCIP	Pipe		DS_ID:17362 EP_NO: 9515 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 17.4 feet below the crown, not found in 2015. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope, found in 2015. (36-inch pipe [HLM 10.99] authorized under Automatic Board Order (ABO) issued as Permit No. 9515, 1974 - O'Sullivan). [Additional Reference(s): DWR Levee Log, 2002 (HLM 10.99), 36-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 10.99), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9515		
666	11.00	11.00	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
668	11.08	11.08	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9515 - O'Sullivan) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9515		
669	11.10	11.10	Miscellaneous	Turnout	Land Side	Overbuilt section of levee on landside embankment. Increases width of crown by 10-feet for a 40-foot long stretch. Entry Last Updated : 8/28/2015	USACEPI		
39	11.20	11.20	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9518		
670	11.20	11.20	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9518		
329	11.23	11.23	Fence	Metal	Water Side and Land Side	Fence on landside and waterside embankments. (Permit No. 9515). Entry Last Updated : 3/25/2020	LEVEELOG 9515		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1320	11.23	11.23	Gate	Metal	Crown	Access gate on levee crown. (Permit No. 9515). Entry Last Updated : 3/25/2020	USACEINSPECT 9515		
42	11.36	11.36	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9516		
678	11.36	11.36	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9516		
48	11.41	11.41	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG		
1578	11.41	11.41	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG		
245	11.48	11.48	Structure	Pole - Utility	Land Side	Overhead power line crosses the levee. (ABO 9542 PG&E) Entry Last Updated : 2/25/2020	LEVEELOG 9542		
683	11.48	11.48	Aerial	High Voltage	Crossing	Entry Last Updated : 6/18/2015	H_LL_GENERAL 9542		
470	11.50	11.50	UCIP	Pipe		DS_ID:17363 EP_NO: 9516 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 16.8 feet below the crown, not found in 2015. Slide gate at the waterside (WS) end, found in 2015. (24-inch pipe [HLM 11.50] authorized under Automatic Board Order (ABO) issued as Permit No. 9516, 1974 - Cone). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.50), listed as abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 11.50), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9516		
688	11.50	11.50	Revetment	Cobble	Water Side	Bank cobble revetted by USCE 1965, Unit 14, Site Mile 152.47, left. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
686	11.50	11.50	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 3/25/2020	H_LL_GENERAL		
684	11.52	11.52	Non-Project Levee	Extension	Water Side	Wing levee on the waterward side. (App. Nos. 2039 & 3320 - Cone) Entry Last Updated : 6/12/2015	GEILEVEELOG 2039 3320		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1579	11.54	11.54	Ramp	Ramp	Water Side	Entry Last Updated : 6/18/2015	LEVEELOG		
689	11.67	11.90	Ditches	Unlined	Land Side	Irrigation ditch at landside toe. 6-foot wide and 3-foot deep. Entry Last Updated : 8/28/2015	USACEPI		
694	11.76	11.76	Revetment	Rock	Water Side	Bank rock revetted by USCE 1975, Unit 27, Site Mile 152.6. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
370	11.81	11.81	UCIP	Pipe		DS_ID:17491 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: 18-inch pipe of an unknown material through the levee, invert 16 feet below the crown. Slide gate on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 11.81), listed as 18-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
474	11.84	11.84	UCIP	Pipe		DS_ID:17364 EP_NO: 9495 Crossing Status: Found FIELD_STRUCT_DESC: 40-inch steel irrigation pipe, with a 20-inch steel pipe sleeved through it, through the levee, 15.7 feet below the crown. Slant pump on the waterside (WS) bank. Vent on the apex of the pipe on the WS bank. Electrical switch board house and service pole on the WS. Slide gate in a concrete surge box on the WS bank. Pipe discharges into a concrete distribution box on the landside (LS) toe. (36-inch pipe and abandoned pump house [HLM 11.84] authorized under Automatic Board Order (ABO) issued as Permit No. 9495, 1974 - Wells). [Additional Reference(s): DWR Levee Log, 2002 (HLM 11.84), listed as 36-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 11.84), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9495		
1	11.85	11.85	Structure	Pump Station	Water Side	Pump house on the water side of the levee. Entry Last Updated : 9/25/2015	LEVEELOG		
246	11.85	11.85	Structure	Pole - Utility	Water Side	Overhead power line crosses levee alignment. (Permit No. 9542). 2 poles located WS and LS at hinge point. Entry Last Updated : 3/25/2020	LEVEELOG 9542		
247	11.85	11.85	Structure	Pole - Utility	Land Side	Overhead power line crosses levee alignment. (Permit No. 9542). 2 poles located WS and LS at hinge point. Entry Last Updated : 3/25/2020	LEVEELOG 9542		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
692	11.85	11.85	Aerial	High Voltage	Crossing	Overhead power line crosses levee alignment. (Permit No. 9542). Entry Last Updated : 3/25/2020	USACEPI 9542		
330	11.87	11.87	Fence	Metal	Water Side and Land Side	Fence across landside and waterside embankments. Entry Last Updated : 3/25/2020	LEVEELOG		
1329	11.87	11.87	Gate	Metal	Crown	Vehicle access gate on levee crown. Entry Last Updated : 3/25/2020	USACEINSPECT		
706	11.87	11.87	Revetment	Rock	Water Side	Bank rock revetted by USCE 1975, Unit 27, Site Mile 152.8. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
710	11.91	11.91	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
712	11.91	12.50	Aerial	High Voltage	Water Side	Power line along waterward toe. Entry Last Updated : 6/12/2015	GEILEVEELOG 11534		
709	11.91	11.91	Aerial	High Voltage	Crossing	Entry Last Updated : 6/18/2015	GEILEVEELOG 9542		
708	11.92	11.92	Aerial	Communications	Crossing	Overhead telephone cable crosses the levee. Pole in the waterward slope. (ABO 9525 - Calif. Pacific Utilities) Entry Last Updated : 6/12/2015	GEILEVEELOG 9525		
696	11.92	12.49	At Grade	Road / Highway	Crown	River road is crown of levee. Asphalt pavement. Includes road markers and road signs. (Permit No. 9499). Entry Last Updated : 8/28/2015	USACEPI 9499		
248	11.93	11.93	Aerial	High Voltage	Crossing	Entry Last Updated : 2/25/2020	LEVEELOG		
249	11.93	11.93	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		
250	11.97	11.97	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		
251	12.01	12.01	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
716	12.03	12.03	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9514 - Boggs) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9514		
475	12.06	12.06	UCIP	Pipe		DS_ID:17365 EP_NO: 9514 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 18.1 feet below the crown. Pump house on the waterside (WS) slope. Gate valve in a corrugated metal riser on the WS toe. Flap gate in a concrete distribution box at the landside (LS) toe. (36-inch CMP [HLM 12.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9514, 1974 - Boggs). [Additional Reference(s): Levee Log, 2002 (HLM 12.05), listed as 36-inch pipe. USACE Sacramento O&M Manual 136, March 1960 (HLM 12.05), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9514		
256	12.06	12.06	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEEVELOG 11534		
717	12.10	12.18	Ditches	Unlined	Land Side	Irrigation ditch at landside toe. Approximately 10 feet wide up to 3 feet deep. Entry Last Updated : 8/31/2015	USACEPI		
257	12.10	12.10	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEEVELOG 11534		
331	12.10	12.10	Aerial	High Voltage	Crossing	Power pole on waterside embankment. Entry Last Updated : 3/25/2020	LEEVELOG 11534		
1334	12.10	12.10	Structure	Pole - Utility	Land Side	Power pole support pole on landside embankment. Entry Last Updated : 3/25/2020	USACEINSPECT 11534		
255	12.16	12.16	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEEVELOG 11534		
258	12.21	12.21	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEEVELOG 11534		
259	12.21	12.21	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEEVELOG		
260	12.21	12.21	Aerial	High Voltage	Crossing	Entry Last Updated : 2/25/2020	LEEVELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
261	12.27	12.27	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		
262	12.32	12.32	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		
726	12.37	12.37	Structure	Stairs	Land Side	Wooden staircase on landside embankment. (Permit No. 10343). Entry Last Updated : 8/19/2015	H_LL_GENERAL 10343		
271	12.37	12.37	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
727	12.38	12.38	Aerial	High Voltage	Crossing	Entry Last Updated : 8/31/2015	USACEPI 9525 9542		
263	12.38	12.38	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG 11534		
269	12.38	12.38	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
481	12.43	12.43	UCIP	Pipe		DS_ID:17366 EP_NO: 9513 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal irrigation pipe through the levee, invert 16.5 feet below the crown. Slide gate in a concrete surge box on the waterside (WS) berm. 2.5-inch pipe through the 24-inch pipe preventing closing of the slide gate on the WS. Slant pump on the riverbank. Concrete distribution box at the landside (LS) toe. 2-inch electrical conduit through the levee, visible on the WS adjacent to the walkway. (24-inch CMP [HLM 12.42] authorized under Automatic Board Order (ABO) issued as Permit No. 9513, 1974 - Boggs). [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.42), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 12.42), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9513		
276	12.43	12.43	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
277	12.43	12.43	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
49	12.43	12.43	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9513		
730	12.43	12.43	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	H_LL_GENERAL 9513		
738	12.43	12.43	Aerial	High Voltage	Crossing	Overhead power line crosses levee alignment. (ABO No. 9542 - PG&E). Entry Last Updated : 8/31/2015	USACEPI 9542		
279	12.44	12.44	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG		
739	12.49	12.49	At Grade	Road / Highway	Crown	River Road ends the landward slope. (ABO 9499 - County of Colusa) Entry Last Updated : 8/31/2015	GEILEVEELOG 9499		
744	12.50	12.50	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
357	12.50	12.50	UCIP	Pipe		DS_ID:17493 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 48-inch irrigation pipe of an unknown material through the levee, invert 18 feet below the crown. Abandoned pump on the waterside (WS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 12.49), listed as 48-inch pipe with pump WS abandoned]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
281	12.50	12.50	Structure	Pole - Utility	Water Side	Entry Last Updated : 2/25/2020	LEVEELOG		
50	12.50	12.50	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9512		
748	12.50	12.50	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9512		
1344	12.50	12.50	Aerial	Communications	Crossing	Overhead telephone line crosses levee alignment and pole on landside toe. (Permit No. 9525). Entry Last Updated : 2/26/2020	USACEINSPECT 9525		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
335	12.50	12.50	Fence	Metal	Water Side	Vehicle access gate and fence. Entry Last Updated : 3/25/2020	LEVEELOG		
1343	12.50	12.50	Gate	Metal	Crown	Vehicle access gate and fence. Entry Last Updated : 8/19/2015	USACEINSPECT		
282	12.50	12.50	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
101	12.51	12.51	Aerial	High Voltage	Crossing	Entry Last Updated : 8/17/2015	LEVEELOG		
764	12.53	12.77	Revetment	Rock	Water Side	Bank rock revetted by Sutter Yard, 1961 and levee damage repaired, 1983. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
1346	12.55	12.55	Aerial	High Voltage	Crossing	Overhead power line crosses levee alignment. (Permit No. 9542). Entry Last Updated : 8/31/2015	USACEINSPECT 9542		
483	12.56	12.56	UCIP	Pipe		DS_ID:17367 EP_NO: 2971-1 Crossing Status: Found FIELD_STRUCT_DESC: 30-inch epoxy coated steel pipe sleeved through 36-inch corrugated metal irrigation pipe through the levee, 20 feet below the crown. Concrete headwall on the landside (LS) with meter. Slide gate on the waterside (WS) end. Two slant pumps on the WS bank discharging into a concrete distribution box at the WS toe. Switch panel on the WS. (name change and serves as a supplement permit for 36-inch pipe authorized under Permit No. 2971-1, 2019 - Colusa Properties, Inc., 30-inch sleeved pipe authorized under WC2019083 (2019); 36-inch authorized under Permit No. 2971, 1959 - H. Sartain). [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.55), listed as 36-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 12.55), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 2971-1		
1349	12.59	12.59	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9512). Entry Last Updated : 8/31/2015	USACEINSPECT 9512		
761	12.60	12.60	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9512 - Terhel) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9512		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1351	12.63	12.63	Structure	Tank	Land Side	Gas (propane) tank on landside toe. Approximately 5 feet from landside toe. Entry Last Updated : 8/31/2015	USACEINSPECT		
766	12.66	12.66	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	GEILEVEELOG 1258		
51	12.68	12.68	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 1258		
768	12.68	12.68	Structure	Headwall	Land Side	Concrete headwall at landward toe. Entry Last Updated : 6/12/2015	GEILEVEELOG		
769	12.71	12.71	Gate	Metal	Crown	Metal drive gate. (ABO No. 9512 - Terhel) Entry Last Updated : 3/25/2020	H_LL_GENERAL 9512		
486	12.74	12.74	UCIP	Pipe		DS_ID:17368 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 12-inch drainage pipe of an unknown material through the levee, 14 feet below the crown, not found in 2016. Slide gate in a corrugated metal pipe 36-inch riser (CMP) on the waterside (WS) slope, found in 2016. [Additional Reference(s): DWR Levee Log, 2002 (HLM 12.73), listed as an abandoned 12-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 12.73), listed as 12-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
1357	12.83	12.83	Structure	Building	Land Side	Concrete building and irrigation pipe within 15 feet of the landside toe. Entry Last Updated : 8/19/2015	USACEINSPECT		
52	12.88	12.88	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9510		
774	12.88	12.88	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9510		
1359	12.92	12.92	Aerial	High Voltage	Crossing	Overhead power lines cross levee alignment. (Permit no. 4478) Entry Last Updated : 2/26/2020	USACEINSPECT 4478		
283	12.92	12.92	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		



## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

  

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
487	12.96	12.96	UCIP	Pipe		DS_ID:17369 EP_NO: 9510 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 18 feet below the crown. Slide gate in a 48-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete box on the WS. Pump mounted on the WS bank, not found in 2016. (36-inch CMP with 36-inch CMP riser [HLM 12.95] authorized under Automatic Board Order (ABO) issued as Permit No. 9510, 1974 - Forry). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.01), listed as 36-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 12.95), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9510
54	12.97	12.97	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9510
784	12.97	12.97	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	GEILEVEELOG 9510
56	12.99	12.99	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG 9510
789	13.00	14.11	Aerial	High Voltage	Land Side	Power pole line along the landward slope. Entry Last Updated : 6/12/2015	GEILEVEELOG
787	13.00	14.11	At Grade	Road / Highway	Land Side	Paved road (River Road) along landward toe. Entry Last Updated : 9/16/2015	GEILEVEELOG 9499
284	13.01	13.01	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
285	13.04	13.04	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
286	13.05	13.05	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
287	13.09	13.09	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
288	13.14	13.14	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
290	13.19	13.19	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
793	13.23	13.37	Revetment	Cobble	Water Side	Waterward slope cobble revetted by Sutter Yard, 1960. Entry Last Updated : 8/31/2015	H_LL_GENERAL		
292	13.24	13.24	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
295	13.28	13.28	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
296	13.33	13.33	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
297	13.36	13.36	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
493	13.38	13.38	UCIP	Pipe		DS_ID:17340 EP_NO: 9511 Crossing Status: Found FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Slide gate in a 60-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Landside (LS) end of pipe on east side of River Road. Pipe is not in use but is operable. (48-inch pipe [HLM 13.37] authorized under Permit No. 9511, 1974 - Moresco). [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.41), listed as an abandoned 48-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 13.37), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9511		
298	13.41	13.41	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
58	13.44	13.44	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9511		
801	13.44	13.44	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9511		
804	13.47	13.47	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
300	13.48	13.48	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
805	13.48	13.48	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 13.5. Entry Last Updated : 8/19/2015	H_LL_GENERAL		
301	13.53	13.53	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
302	13.60	13.60	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
303	13.67	13.67	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
807	13.68	13.68	Aerial	High Voltage	Crossing	Overhead power, line crosses the levee. (App- No- 4933 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 4933		
304	13.74	13.74	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
60	13.77	13.77	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9509		
809	13.77	13.77	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9509		
812	13.80	13.80	Revetment	Rock	Water Side	Bank rock revetted by USCE, 1986, Contract 40A, Site 156.1. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
305	13.81	13.81	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
306	13.83	13.83	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
307	13.89	13.89	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

495	13.93	13.93	UCIP	Pipe		DS_ID:17361 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 16 feet below the crown, not found in 2015. Slide gate in a corrugated metal pipe (CMP) riser on the waterside (WS) end, found in 2015. [Additional Reference(s): DWR Levee Log, 2002 (HLM 13.98), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 13.92), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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309	13.96	13.96	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
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819	13.97	13.97	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 4588 - PG&E) Entry Last Updated : 2/25/2020	GEILEVEELOG 4588
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310	14.00	14.00	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
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824	14.01	14.01	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 14. Entry Last Updated : 8/31/2015	H_LL_GENERAL
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62	14.01	14.01	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	LEVEELOG
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338	14.01	14.01	Revetment	Cobble	Water Side	A pile of cobbles is located on the crown at this location. Entry Last Updated : 3/25/2020	LEVEELOG
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822	14.01	14.01	Miscellaneous	Turnouts	Water Side	Overbuilt section of the levee crown on the waterside. The crown is about 50 feet wide at this location. Entry Last Updated : 3/25/2020	USACEPI
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311	14.04	14.04	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
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315	14.10	14.10	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG
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825	14.14	14.25	Ditches	Unlined	Land Side	Landside toe ditch 5 feet wide and 2 feet deep. Entry Last Updated : 9/11/2015	USACEPI
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
833	14.17	14.17	Revetment	Rock	Water Side	Bank rock revetted by Sutter Yard, 1985. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
826	14.18	14.18	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9507		
1376	14.24	14.24	Structure	Tank	Land Side	6 metal silos about 15 feet from landside toe. Entry Last Updated : 8/27/2015	USACEINSPECT		
839	14.29	14.29	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 6/12/2015	GEILEVEELOG		
317	14.30	14.30	Structure	Pole - Utility	Land Side	Overhead power lines cross levee alignment. (Permit No. 4588). Entry Last Updated : 2/25/2020	LEVEELOG 4588		
1379	14.30	14.30	Aerial	High Voltage	Crossing	Overhead power lines cross levee alignment. (Permit No. 4588). Entry Last Updated : 3/25/2020	USACEINSPECT 4588		
511	14.31	14.31	UCIP	Pipe		DS_ID:17359 EP_NO: 1858 Crossing Status: Found FIELD_STRUCT_DESC: 42-inch corrugated metal irrigation pipe through the levee, 12.8 feet below the crown. Vertical pump on a pile structure on the waterside (WS) toe. Slide gate in a corrugated metal pipe (CMP) riser on the WS slope. Concrete surge box on the WS toe. Concrete distribution box on the landside (LS) toe. Service pole on the WS berm. [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.30), listed as 42-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 14.30), listed as 42-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1858		
1382	14.32	14.32	Fence	Wood	Land Side	Wood fence within 10 feet of landside toe for 20 feet. Entry Last Updated : 8/31/2015	USACEINSPECT		
129	14.32	14.32	Ramp	Ramp	Water Side	Entry Last Updated : 8/17/2015	LEVEELOG		
339	14.33	14.33	Fence	Barbed Wire	Water Side and Land Side	Barbed wire fence on waterside and landside embankments. (Permit No. 9507). Entry Last Updated : 3/25/2020	LEVEELOG 9507		
1383	14.33	14.33	Gate	Metal	Crown	Vehicle access gate on crown. (Permit No. 9507). Entry Last Updated : 3/25/2020	USACEINSPECT 9507		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
146	14.33	14.33	Structure	Pole - Utility	Land Side	Power pole located within 10-feet of LS toe. Entry Last Updated : 8/31/2015	LEVEELOG		
498	14.50	14.50	UCIP	Pipe		DS_ID:17330 EP_NO: 9508 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Slide gate in a 36-inch corrugated metal pipe (CMP) riser on the waterside (WS) slope. Concrete distribution box on the landside (LS). (24-inch pipe [HLM 14.50] authorized under Automatic Board Order (ABO) issued as Permit No. 9508, 1974 - Jones). [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.50), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 14.50), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9508		
843	14.50	14.50	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	GEILEVEELOG		
63	14.52	14.52	Ramp	Ramp	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG 9508		
847	14.52	14.52	Ramp	Ramp	Water Side	Entry Last Updated : 2/19/2020	USACEPI 9508		
1540	14.53	14.53	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
1539	14.53	14.86	Aerial	High Voltage	Land Side	Power poles located at LS toe. Power parallel to levee. Entry Last Updated : 8/31/2015	LEVEELOG		
1541	14.55	14.55	Structure	Mailbox	Land Side	Mail box located at LS toe. Entry Last Updated : 8/31/2015	LEVEELOG		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

517	14.56	14.56	UCIP	Pipe		DS_ID:17331 EP_NO: 1833 Crossing Status: Found FIELD_STRUCT_DESC: 12-inch high density poly ethylene (HDPE) sleeved through an existing 48-inch reinforced concrete irrigation pipe through the levee, 14.2 feet below the crown. Annular space has been pressure grouted between existing 48-inch reinforced concrete pipe and 12-inch HDPE. Pump structure on the waterside (WS) bank, not found in 2016. Concrete surge box at the WS toe. Slide gate in a CMP riser on the WS slope. Concrete distribution box on the landside (LS) across River Road. (existing concrete culvert and 60-inch CMP drop structure on the WS of the levee connected by an existing 12-inch HDPE pipe encapsulated in a 48-inch reinforced concrete pipe [RCP] were modified to include the installation of concrete plugs on the LS and WS ends and install a 12-ft extension handle to existing 12-inch gate valve work was authorized under Permit No. 18954, 2014 - Arthur Anderson; construction of additional irrigation facilities to an existing pipe structure authorized under Permit No. 1833, 1953 - Carter). [Additional Reference(s): DWR Levee Log, 2002 (HLM 14.55), listed as 42-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 14.55), listed as 42-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 1833
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1542	14.57	14.57	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG
852	14.59	14.59	Miscellaneous	Turnout	Water Side	Turnout waterward side. Entry Last Updated : 9/16/2015	H_LL_GENERAL
853	14.60	14.60	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO 9505 - Westfall) Entry Last Updated : 6/12/2015	GEILEVEELOG 9505
1543	14.64	14.64	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG
1544	14.68	14.68	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG
65	14.70	14.70	Gate	Metal	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG
64	14.72	14.72	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9505

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1388	14.72	14.72	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9505		
1545	14.74	14.74	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEEVEELOG		
1546	14.80	14.80	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEEVEELOG		
859	14.88	14.88	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 4475 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 4475		
342	14.93	14.93	Fence	Barbed Wire	Water Side and Land Side	Cross fence. (ABO No. 9505 - Westfall) Entry Last Updated : 3/25/2020	LEEVEELOG 9505		
863	14.93	14.93	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO 9505 Westfall) Entry Last Updated : 6/12/2015	GEILEVEELOG 9505		
864	14.93	14.93	Gate	Metal	Crown	Metal drive gate. (State Blank Lock) (ABO No. 9505 - Westfall) Entry Last Updated : 3/25/2020	H_LL_GENERAL 9505		
318	14.93	14.93	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEEVEELOG		
1547	14.93	15.14	Aerial	High Voltage	Land Side	Entry Last Updated : 6/16/2015	LEEVEELOG		
150	14.93	15.57	Fence	Barbed Wire	Land Side	Fence at LS toe. Entry Last Updated : 9/11/2015	LEEVEELOG		
1549	14.98	14.98	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEEVEELOG		
1550	15.01	15.01	Mark	Marker	Water Side	Mile marker on WS crown. LM 15.0. Entry Last Updated : 8/31/2015	LEEVEELOG		
1551	15.01	15.01	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEEVEELOG		
1552	15.08	15.08	Structure	Pole - Utility	Land Side	Guy wire at LS slope. Entry Last Updated : 8/19/2015	LEEVEELOG 809		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1553	15.11	15.11	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEVEELOG		
343	15.13	15.13	Fence	Barbed Wire	Water Side and Land Side	Cross fence. (ABO 9506 - Carter) Entry Last Updated : 3/25/2020	LEVEELOG 9506		
871	15.13	15.13	Gate	Metal	Crown	Pipe metal drive gate. (ABO 9506 - Carter) Entry Last Updated : 3/25/2020	GEILEVEELOG 9506		
1396	15.13	15.48	Ditches	Unlined	Land Side	Irrigation ditch 10 feet wide and 4 feet deep at landside toe. Entry Last Updated : 8/31/2015	USACEINSPECT		
319	15.15	15.15	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
70	15.16	15.16	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9506		
1394	15.16	15.16	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9506		
1398	15.32	15.32	Aerial	High Voltage	Crossing	Overhead power lines cross levee alignment. (Permit No. 1735). Entry Last Updated : 8/31/2015	USACEINSPECT 1735		
499	15.36	15.36	UCIP	Pipe		DS_ID:17332 EP_NO: 2638 Crossing Status: Not Found FIELD_STRUCT_DESC: 6.625-inch asphalt coated steel gas pipeline through the levee, 3 feet below the crown. A reinforced concrete cutoff wall was placed around the pipe on the waterside (WS) of the levee crown. Pipe was pressure grouted in 1967. (6.625-inch gas line authorized under Permit No. 2638, 1957 - Pacific Gas and Electric Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.35), listed as an abandoned 6.28-inch pipe, pressure grouted in 1967)]. Entry Last Updated : 4/17/2021	UCIPAPR2021 2638		
1400	15.46	15.46	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. Entry Last Updated : 8/19/2015	USACEINSPECT		
880	15.47	15.47	Gate	Metal	Crown	Entry Last Updated : 8/19/2015	USACEPI		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

500	15.48	15.48	UCIP	Pipe		DS_ID:17333 EP_NO: 9506 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch irrigation pipe of an unknown material through the levee, 16.5 feet below the crown. Pump in the floodway. Irrigation transfer ditch on the waterside (WS) to concrete surge box at the WS toe. Slide gates in a corrugated metal pipe (CMP) riser on the WS slope. Discharges into a concrete distribution box at the landside (LS) toe. (24-inch CMP, pump floodway, irrigation transfer ditch [HLM 15.46] authorized under Automatic Board Order (ABO) issued as Permit No. 9506, 1974 - Carter). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.46), listed as 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 15.46), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9506
886	15.52	15.52	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 15.5. Entry Last Updated : 8/19/2015	H_LL_GENERAL
887	15.54	15.54	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9506 - Carter) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9506
1402	15.57	15.57	Gate	Metal	Crown	Access gate on crown. (Permit No. 9506) Entry Last Updated : 8/19/2015	USACEINSPECT 9506
73	15.61	15.61	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	LEVEELOG
505	15.81	15.81	UCIP	Pipe		DS_ID:17334 EP_NO: 2599 Crossing Status: Not Found FIELD_STRUCT_DESC: 2.375-inch unwrapped steel high pressure gas pipeline through the levee, 2.6 feet below the crown. (2.375-inch gas transmission line authorized under Permit No. 2599, 1957 - Honolulu Oil Corporation). [Additional Reference(s): DWR Levee Log, 2002 (HLM 15.79), listed as 2.375-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 2599
891	15.81	15.81	Structure	Gauge	Water Side	DWR gauge station. Metal walkway between waterside embankment and gaging station. CMP riser on waterside toe. (Permit No. 9497). Entry Last Updated : 3/25/2020	USACEPI 9497
897	15.83	15.83	Ramp	Ramp	Water Side	Ramp on the waterward slope. Entry Last Updated : 8/19/2015	GEILEVEELOG

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
345	15.83	15.83	Mark	Boundary	Water Side	Left bank Sacramento River at Moulton Weir, opposite L.M. 15.83. Entry Last Updated : 3/25/2020	LEVEELOG		
158	15.83	15.96	Structure	Weir	Water Side	Moulton Weir structure in the channel. Entry Last Updated : 8/19/2015	LEVEELOG		
899	15.96	15.96	Mark	Boundary	Crown	Left bank Sacramento River at Moulton Weir, opposite L.M. 15.96. Entry Last Updated : 3/25/2020	USGSQUAD_EGIS 3818		
900	15.96	15.96	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 8/31/2015	USACEPI		
903	15.96	16.07	Fence	Barbed Wire	Water Side	Fence on the waterward slope. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
901	15.96	16.11	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
905	16.06	16.06	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9506 - Carter) Entry Last Updated : 9/11/2015	H_LL_GENERAL 9506		
346	16.07	16.07	Fence	Barbed Wire	Water Side and Land Side	Cross fence. (ABO No. 9506 - Carter) Entry Last Updated : 3/25/2020	LEVEELOG 9506		
907	16.07	16.07	Gate	Metal	Crown	Metal drive gate. (ABO No. 9506 - Carter) Entry Last Updated : 3/25/2020	H_LL_GENERAL 9506		
506	16.12	16.12	UCIP	Pipe		DS_ID:17335 EP_NO: 2651 Crossing Status: Not Found FIELD_STRUCT_DESC: 2.375-inch unwrapped steel high pressure gas pipeline through the levee, 2.6 feet below the crown. (2.375-inch gas transmission line authorized under Permit No. 2651, 1957 - Occidental Petroleum Corporation). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.11), listed as 2.375-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 2651		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

507	16.21	16.21	UCIP	Pipe		DS_ID:17336 EP_NO: 2651 Crossing Status: Not Found FIELD_STRUCT_DESC: 2.375-inch unwrapped steel high pressure gas pipeline through the levee, 2.5 feet below the crown. (2.375-inch gas transmission line authorized under Permit No. 2651, 1957 - Occidental Petroleum Corporation). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.20), listed as 2.375-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021  2651
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508	16.30	16.30	UCIP	Pipe		DS_ID:17337 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Metal flap gate on the waterside (WS) silted over. Brick "U" shaped headwall on the WS toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.29), listed as 42-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 16.29), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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80	16.35	16.35	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9500
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911	16.35	16.35	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEPI 9500
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918	16.39	16.39	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (ABO No. 9542 - PG&E) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9542
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509	16.43	16.43	UCIP	Pipe		DS_ID:17349 EP_NO: 9500 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 48-inch corrugated metal irrigation and drainage pipe through the levee, 17 feet below the crown, not found in 2016. Slide gate on the waterside (WS), found in 2016. 8-inch steel pipe sleeved through the 48-inch pipe during the summer months, not found in 2016. Discharges into a concrete distribution box on the landside (LS) toe. (48-inch irrigation and drain CMP, 8-inch pipe sleeved through 48-inch pipe during summer months [HLM 16.42] authorized under Automatic Board Order (ABO) issued as Permit No. 9500, 1974 - Zumwalt Orchards, Inc.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 16.42), listed as 48-inch irrigation and drain pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 16.42), listed as 48-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021  9500
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
921	16.48	16.48	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 16.5. Entry Last Updated : 8/31/2015	H_LL_GENERAL		
922	16.61	17.63	Revetment	Rock	Water Side	Bank rock revetted by USCE 1986, Unit No. 40A Site 159.3. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
923	16.69	16.69	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9500 - Zumwalt)	H_LL_GENERAL 9500		
82	16.94	16.94	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 3/25/2020	LEEVELOG		
1414	16.94	16.94	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. Entry Last Updated : 3/25/2020	USACEINSPECT		
1538	16.98	16.98	Mark	Marker	Water Side	Mile marker on WS shoulder. LM 17.0 Entry Last Updated : 3/25/2020	LEEVELOG		
418	17.29	17.29	UCIP	Pipe		DS_ID:17339 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: 36-inch by 60-inch reinforced concrete box drainage culvert through the levee, 20.5 feet below the crown. Waterside (WS) end of the pipe is plugged with concrete for 5 feet. Landside (LS) end of the culvert was filled with dirt in 1980. [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.30), listed as 3-foot by 5-foot concrete box culvert. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 17.30), listed as 3-foot by 5-foot concrete culvert with flashboards]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
1537	17.48	17.48	Mark	Marker	Water Side	Mile marker on WS shoulder. LM 17.5. Entry Last Updated : 3/25/2020	LEEVELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

424	17.58	17.58	UCIP	Pipe		DS_ID:17329 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 15.8 feet below the crown. Slide gate on the waterside (WS) end. Both pipe ends are silted over. [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.60), listed as 24-inch CMP drain. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 17.60), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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1536	17.58	17.58	Gate	Metal	Crown	Entry Last Updated : 6/16/2015	LEVEELOG
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944	17.58	17.58	Mark	Survey	Crown	U.S. Fish and Wildlife survey monument No. 393. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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84	17.60	17.60	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	LEVEELOG 9501
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1428	17.60	17.60	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9501
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347	17.61	17.61	Fence	Barbed Wire	Water Side and Land Side	Cross fence. (ABO 9501 - Mayfair Farms) Entry Last Updated : 3/25/2020	LEVEELOG 9501
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946	17.61	17.61	Gate	Metal	Crown	Metal pipe gate. (ABO 9501 - Mayfair Farms) Entry Last Updated : 3/25/2020	GEILEVEELOG 9501
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1429	17.62	17.62	Aerial	High Voltage	Crossing	Overhead utility lines cross the levee alignment (Permit No. 9542). Entry Last Updated : 3/25/2020	USACEINSPECT 9542
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1535	17.62	17.62	Structure	Pole - Utility	Water Side	Power pole located at WS toe. Entry Last Updated : 8/19/2015	LEVEELOG
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway					Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River					Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

425	17.79	17.79	UCIP	Pipe		DS_ID:17341 EP_NO: 11540A Crossing Status: Indicator Found FIELD_STRUCT_DESC: 6-inch steel irrigation pipe through the levee, 3.2 feet below the crown, not found in 2015. Siphon breaker with protective housing on the landside (LS) shoulder, found in 2015. (6-inch pipe authorized under Permit No. 11540-A, 1976 - Wilearlee Walnuts; additional Related Permit(s): Permit No. 11540, 1976 - Wilearlee Walnuts). [Additional Reference(s): DWR Levee Log, 2002 (HLM 17.80), listed as 6-inch steel pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 11540A
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1431	17.96	17.96	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9502). Entry Last Updated : 8/31/2015	USACEINSPECT 9502
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954	17.97	17.97	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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426	18.07	18.07	UCIP	Pipe		DS_ID:17342 EP_NO: 14217 Crossing Status: Not Found FIELD_STRUCT_DESC: 1 of 2: 2-inch asphalt coated steel gas pipeline through the levee, 2 feet below the crown. (two 2-inch natural gas lines authorized under Permit No. 14217, 1985 - Jordan Oil and Gas Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.10), listed as two 2-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 14217
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427	18.07	18.07	UCIP	Pipe		DS_ID:17520 EP_NO: 14217 Crossing Status: Not Found FIELD_STRUCT_DESC: 2 of 2: 2-inch asphalt coated steel gas pipeline through the levee, 2 feet below the crown. (two 2-inch natural gas lines authorized under Permit No. 14217, 1985, - Jordan Oil and Gas Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.10), listed as two 2-inch pipes]. Entry Last Updated : 4/17/2021	UCIPAPR2021 14217
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1534	18.08	18.08	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit No. 9502). Entry Last Updated : 8/4/2015	LEVEELOG 9502
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1533	18.18	18.18	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9502 - Coffman) Entry Last Updated : 8/4/2015	LEVEELOG 9502
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
433	18.19	18.19	UCIP	Pipe		DS_ID:17343 EP_NO: 9502 Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal irrigation pipe through the levee, 18 feet below the crown. Vertical pump on the waterside (WS) bank, not found in 2015. Slide gate in a concrete box on the WS toe. Pipe discharges into a concrete distribution box on the landside (LS) toe. Pole on the WS shoulder and an abandoned electrical switch found on the WS. (36-inch pipe [HLM 18.22] authorized under Automatic Board Order (ABO) issued as Permit No. 9502, 1974 - Coffman; existing 36-inch was allowed to be used during winter months under Permit No. 11540, 1976 - Wilearlee Walnuts). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.22), listed as 36-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 18.22), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9502		
434	18.20	18.20	UCIP	Pipe		DS_ID:17344 EP_NO: 12930A Crossing Status: Not Found FIELD_STRUCT_DESC: 3.5-inch asphalt coated steel gas pipeline through the levee, 2 feet below the crown. (3.5-inch pipe authorized under Permit No. 12930-A, 1980 - Jordan Oil and Gas Co.). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.23), listed as 3.5-inch steel pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 12930A		
973	18.20	18.20	Ramp	Ramp	Land Side	Ramp and pipe gate on the landward slope to River Road. (ABO 9502 - Coffman) Entry Last Updated : 6/12/2015	GEILEVEELOG 9502		
1438	18.21	18.21	Gate	Metal	Crown	Access gate on the levee crown. (Permit No. 9498). Entry Last Updated : 8/20/2015	USACEINSPECT 9498		
87	18.26	18.26	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9498		
976	18.26	18.26	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	GEILEVEELOG 9498		
320	18.30	18.30	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/25/2020	LEVEELOG		
1532	18.30	18.42	Aerial	High Voltage	Land Side	Entry Last Updated : 6/16/2015	LEVEELOG		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
978	18.34	18.34	Structure	Pole - Utility	Land Side	Utility pole within 10-feet of LS toe. Entry Last Updated : 8/31/2015	USACEPI		
1440	18.40	18.40	Structure	Pole - Utility	Land Side	Utility pole at the landside toe. Entry Last Updated : 8/31/2015	USACEINSPECT		
980	18.47	18.47	Mark	Marker	Water Side	Mile Marker on waterside shoulder. LM 18.5. Entry Last Updated : 8/31/2015	H_LL_GENERAL		
983	18.53	18.53	Ramp	Ramp	Land Side	Ramp on the landward slope to River Road. Pipe gate. (ABO 9493 - Fendt) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9493		
1531	18.53	18.53	Structure	Mailbox	Land Side	Mailbox at LS toe. Entry Last Updated : 9/1/2015	LEEVELOG		
1441	18.55	18.55	Ramp	Ramp	Water Side	Waterside fill access ramp. (ABO 9493 - Fendt). Entry Last Updated : 2/26/2020	USACEINSPECT 9493		
512	18.58	18.58	UCIP	Pipe		DS_ID:25451 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Natural gas line of unknown depth, diameter, and material, possibly through the levee. Yellow gas line marker found on landside (LS) toe with phone number on marker: 1-866-940-7351 (Wild Goose Storage). See DSID 25452 for fiber optics cable marker adjacent to this marker. Entry Last Updated : 4/17/2021	UCIPAPR2021		
513	18.58	18.58	UCIP	Pipe		DS_ID:25452 EP_NO: Crossing Status: Indicator Found FIELD_STRUCT_DESC: Communication line of unknown depth, diameter, and material, possibly through the levee. Red fiber optics cable marker found on landside (LS) toe with phone number on marker: 1-866-940-7351 (Wild Goose Storage). See DSID 25451 for gas line marker adjacent to this marker. Entry Last Updated : 4/17/2021	UCIPAPR2021		
1442	18.58	18.58	Mark	Marker	Land Side	Fiber optic and gas line markers at the landside toe. Entry Last Updated : 9/1/2015	USACEINSPECT		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

  

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
435	18.61	18.61	UCIP	Pipe		DS_ID:17345 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 20 feet below the crown. Slide gate at the waterside (WS) toe. [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.65), listed as an abandoned 36-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 18.65), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
991	18.63	18.63	Gate	Metal	Crown	Access gate on the levee crown (Permit No. 9497) Entry Last Updated : 2/26/2020	USACEPI 9497
88	18.66	18.66	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG 9503
1445	18.66	18.66	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9503
442	18.70	18.70	UCIP	Pipe		DS_ID:17346 EP_NO: 9503 Crossing Status: Found FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 19 feet below the crown. 8-inch steel pipe sleeved through the 24-inch pipe. Annular space cement grouted. Slide gate at the waterside (WS) toe. Concrete inlet box on the landside (LS). (24-inch pipe [HLM 18.74] authorized under Automatic Board Order (ABO) issued as Permit No. 9503, 1974 - Baird). [Additional Reference(s): DWR Levee Log, 2002 (HLM 18.74), listed as an abandoned 24-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 18.74), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9503
321	18.72	18.72	Structure	Pole - Utility	Water Side	Overhead utility lines cross the levee alignment. (Permit No. 7012). Entry Last Updated : 2/25/2020	LEEVELOG 7012
1447	18.72	18.72	Aerial	High Voltage	Crossing	Overhead utility lines cross the levee alignment. (Permit No. 7012). Entry Last Updated : 3/25/2020	USACEINSPECT 7012
1530	18.84	18.84	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/19/2020	LEEVELOG

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River							Left	19.85	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
1448	18.84	18.93	Aerial	High Voltage	Land Side	Entry Last Updated : 9/1/2015	USACEINSPECT		
350	18.85	18.85	UCIP	Pipe		DS_ID:17511 EP_NO: 9132A Crossing Status: Not Found FIELD_STRUCT_DESC: *NOT INSTALLED* 6-inch asphalt coated steel drainage pipe through the levee, 2.5 feet below the crown. (6-inch pipe authorized under Permit No. 9132-A, 1974 - Walnut Growers, Inc., inspector remarks in Permit 9132-A, 3/25/1976, indicates pipe was never installed) Entry Last Updated : 4/17/2021	UCIPAPR2021 9132A		
1529	18.88	18.88	Structure	Pole - Utility	Land Side	Guy wire in LS slope. Entry Last Updated : 9/1/2015	LEEVELOG		
1528	18.93	18.93	Structure	Pole - Utility	Land Side	Guy wire in LS slope. Entry Last Updated : 9/1/2015	LEEVELOG		
1000	18.95	18.95	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
89	18.97	18.97	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEEVELOG 9504		
1449	18.97	18.97	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9504		
1452	19.14	19.14	Aerial	High Voltage	Crossing	Overhead utility lines cross the levee alignment. (Permit No. 4331). Entry Last Updated : 9/1/2015	USACEINSPECT 4331		
1451	19.14	19.14	Gate	Metal	Crown	Access gate on the levee crown (Permit No. 9504). Entry Last Updated : 9/1/2015	USACEINSPECT 9504		
445	19.19	19.19	UCIP	Pipe		DS_ID:17347 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 21.7 feet below the crown. Slide gate at the waterside (WS) toe. Pipe grouted on the WS end by Sutter Maintenance Yard in 1958. [Additional Reference(s): DWR Levee Log, 2002 (HLM 19.24), listed as an abandoned 36-inch pipe. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 19.24), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway						Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River						Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

1454	19.22	19.22	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. (Permit No. 9498). Entry Last Updated : 9/1/2015	USACEINSPECT 9498
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351	19.25	19.25	UCIP	Pipe		DS_ID:17504 EP_NO: 9132A Crossing Status: Not Found FIELD_STRUCT_DESC: *NOT INSTALLED* 6-inch asphalt coated steel pump drainage discharge pipe through the levee, 2.5 feet below the crown. (6-inch pipe authorized under Permit No. 9132-A, 1974 - Walnut Growers, Inc., inspector remarks of 1979 indicate pipe was never installed; Additional Related Permit(s): Permit No. 9132, 1976 -Walnut Growers, Inc.). Entry Last Updated : 4/17/2021	UCIPAPR2021 9132A
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1021	19.41	19.41	Mark	Marker	Water Side	Mile marker on WS shoulder. LM 19.50. Entry Last Updated : 3/25/2020	H_LL_GENERAL
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356	19.44	19.44	UCIP	Pipe		DS_ID:16477 EP_NO: 11899 Crossing Status: Not Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE-- INSTALLED IN FLOODWAY* A lift pump in the channel of the Sacramento River, approximately 2 miles south of the town of Princeton. Pump installed about 4,000 feet west of left bank. (vertical pump and pipe authorized under Permit No. 11899, 1977 - Womble). Entry Last Updated : 4/17/2021	UCIPAPR2021 11899
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1018	19.44	19.44	Structure	Pump Station	Water Side	FIELD_STRUCT_DESC: INSTALL LIFT PUMP IN CHANNEL OF SACTO RIVER APPROX. 2 MILES SOUTH OF TOWN OF PRINCETON UCIP Comments: 4/2/2015 Unable to locate. Entry Last Updated : 9/1/2015	UCIPMAY2015 11899
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1023	19.51	19.51	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	H_LL_GENERAL
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1020	19.53	19.53	Structure	Mailbox	Land Side	Two mailboxes at the landside levee toe. Entry Last Updated : 6/16/2015	USACEPI
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

457	19.55	19.55	UCIP	Pipe		DS_ID:17487 EP_NO: Crossing Status: Found FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, invert 21.7 feet below the crown. Abandoned pump and steel pipe found on the waterside (WS). 6 foot by 8 foot concrete distribution box with the 36-inch corrugated metal pipe found on the landside (LS). [Additional Reference(s): USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 19.61), listed as 36-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021
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1029	19.57	19.57	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	GEILEVEELOG
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1027	19.59	19.59	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9494 - Rotchy) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9494
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1028	19.60	19.60	Ramp	Ramp	Land Side	Ramp and pipe gate on the landward slope. Access to River Road. (ABO No. 9494 - Rotchy) Entry Last Updated : 6/12/2015	GEILEVEELOG 9494
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1034	19.62	19.62	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	H_LL_GENERAL
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1456	19.64	19.64	Structure	Mailbox	Land Side	Mailboxes at the landside levee toe. Entry Last Updated : 9/1/2015	USACEINSPECT
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1031	19.70	19.70	Structure	Mailbox	Land Side	Mailbox at the landside levee toe. Entry Last Updated : 9/1/2015	USACEPI
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1035	19.95	19.95	Mark	Marker	Water Side	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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323	19.96	19.96	Structure	Pole - Utility	Land Side	Overhead utility lines cross the levee alignment and a utility pole at the landside toe. (Permit No. 9542). Entry Last Updated : 2/25/2020	LEVEELOG 9542
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1457	19.96	19.96	Aerial	High Voltage	Crossing	Entry Last Updated : 9/1/2015	USACEINSPECT 9542
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 01 Sacramento River	Left	19.85	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

446	19.97	19.97	UCIP	Pipe		DS_ID:17370 EP_NO: 9496 Crossing Status: Found FIELD_STRUCT_DESC: 20-inch corrugated metal irrigation pipe through the levee, 19.8 feet below the crown. Two vertical pumps on a pile structure on the waterside (WS) bank (one pump found in 2015). Slide gate in a concrete surge box on the waterside (WS) berm. Discharges into a concrete distribution box on the landside (LS) across the county road. Switch board on the platform on the WS bank. (24-inch CMP [HLM 20.05] authorized under Automatic Board Order (ABO) issued as Permit No. 9496, 1974 - Womble). [Additional Reference(s): DWR Levee Log, 2002 (HLM 20.05), listed as 24-inch CMP. USACE Sacramento O&M Manual, Unit 136, March 1960, Revised 29 Dec 2016, (HLM 20.05), listed as 24-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9496
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1459	19.97	19.97	Structure	Mailbox	Land Side	Two mailboxes at the landside levee toe. Entry Last Updated : 9/1/2015	USACEINSPECT
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1527	20.00	20.00	Gate	Metal	Land Side	Gate at LS access ramp. Entry Last Updated : 9/1/2015	LEVEELOG
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90	20.01	20.01	Ramp	Ramp	Land Side	Entry Last Updated : 2/20/2020	LEVEELOG 9455
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1460	20.01	20.01	Ramp	Ramp	Water Side	Entry Last Updated : 2/20/2020	USACEINSPECT 9455
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1462	20.04	20.04	Structure	Pole - Utility	Land Side	Power pole at LS toe with guy wire on slope. Entry Last Updated : 3/25/2020	USACEINSPECT
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1063	20.04	20.10	Aerial	High Voltage	Land Side	Entry Last Updated : 9/1/2015	LEVEELOG
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1047	20.10	20.10	Structure	Pole - Utility	Land Side	Entry Last Updated : 2/20/2020	USACEPI
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1045	20.16	20.16	Ramp	Ramp	Water Side	Ramp on the waterward slope. (ABO No. 9455 - Womble) Entry Last Updated : 6/12/2015	H_LL_GENERAL 9455
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1049	20.31	20.31	Mark	Boundary	Crown	End of left bank levee of East Levee of Sacramento River, Unit 1, at downstream boundary of Levee District No. 3, Glenn County. Entry Last Updated : 6/12/2015	GEILEVEELOG
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Colusa Bypass	Right	2.20	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
2	0.00	0.00	Mark	Boundary	Crown	Entry Last Updated : 1/20/2021	LEVEELOG
4	0.01	0.02	Fence	Metal	Land Side	Fence along landside and waterside embankments. Gate at levee crown. (Permit No. 9544) Entry Last Updated : 1/20/2021	LEVEELOG 9544
68	0.01	0.02	Fence	Metal	Water Side	Fence along landside and waterside embankments. Gate at levee crown. (Permit No. 9544) Entry Last Updated : 10/6/2015	USACEINSPECT 9544
7	0.02	0.02	Structure	Gauge	Water Side	Stream gage on waterside embankment. (Permit No. 8176). Entry Last Updated : 10/6/2015	USACEPI 8176
9	0.02	0.02	Gate	Metal	Crown	Cross fence, metal drive gate. Entry Last Updated : 10/6/2015	H_LL_GENERAL 9544
71	0.02	0.02	Ramp	Ramp	Water Side	Vehicle access ramp from waterside toe to the levee crown . Entry Last Updated : 10/6/2015	USACEINSPECT
14	0.11	0.11	Ramp	Ramp	Land Side	Ramp on the landward slope. (ABO No. 9544 - DWR) Entry Last Updated : 6/12/2015	GEILEVEELOG 9544
15	0.15	0.15	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 6/12/2015	GEILEVEELOG
16	0.20	0.20	Structure	Other	Land Side	Gas Well, Atlantic Oil Company. (Permit No. 8734). Entry Last Updated : 10/13/2015	USGSQUAD_EGIS 8734
67	0.25	0.25	Ramp	Ramp	Water Side	Entry Last Updated : 6/17/2015	LEVEELOG
17	0.27	1.03	Revetment	Cobble	Land Side	Landward slope cobble revetted. Entry Last Updated : 6/12/2015	H_LL_GENERAL
19	0.33	0.33	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross section. Entry Last Updated : 6/12/2015	GEILEVEELOG
20	0.50	0.50	Mark	Marker	Crown	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL

## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Colusa Bypass							Right	2.20	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
3	0.50	1.05	Revetment	Cobble	Water Side	Entry Last Updated : 10/5/2015	LEVEELOG		
22	0.67	0.67	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 6/12/2015	GEILEVEELOG		
29	0.86	0.86	Ramp	Ramp	Land Side	Ramp on the landward slope to 35-foot by 40-foot fill. Gas well pumping station on the fill. (App. No. 8734 - Atlantic Oil Company) Entry Last Updated : 6/12/2015	GEILEVEELOG 8734		
6	0.87	0.87	UCIP	Pipe		DS_ID:17532 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 1 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (three 4-inch gas lines under both levee and Colusa Bypass authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821		
8	0.87	0.87	UCIP	Pipe		DS_ID:17536 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 2 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (three 4-inch gas lines under both levee and Colusa Bypass authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821		
10	0.87	0.87	UCIP	Pipe		DS_ID:17537 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 3 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (three 4-inch gas lines under both levee and Colusa Bypass authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821		
35	1.00	1.00	Mark	Marker	Crown	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		



**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 02 Colusa Bypass							Right	2.20	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
36	1.03	1.03	Structure	Gauge	Water Side	Crest stage gage on the waterward slope. (App. No. 8176 - USGS) Entry Last Updated : 6/12/2015	GEILEVEELOG 8176		
37	1.03	1.03	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. Entry Last Updated : 10/6/2015	USACEPI		
88	1.05	1.05	Gate	Metal	Crown	Entry Last Updated : 6/17/2015	LEVEELOG		
40	1.05	1.10	Fence	Barbed Wire	Water Side	Barbed wire fence at waterside hinge. Entry Last Updated : 10/6/2015	USACEPI		
41	1.07	1.37	Miscellaneous	Dredging	Water Side and Land Side	Landside and waterside is at high ground. Spoils from dredging have been placed in this area. (Permit Nos. 13887, 7224, and 7265A.) Entry Last Updated : 10/6/2015	USACEPI 13887 7224 7265A		
11	1.20	1.20	UCIP	Pipe		DS_ID:17531 EP_NO: 13534 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 2.5-inch asphalt coated steel gas pipeline through the levee, 2.5 feet below the crown. A gas line marker found on the landside (LS). (2.5-inch gas line authorized under Permit No. 13534, 1982 - Texaco, Incorporated). [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.25), listed as 2.5-inch gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 13534		
89	1.50	1.50	Mark	Marker	Water Side	Mileage marker on WS shoulder. LM 1.5. Entry Last Updated : 10/6/2015	LEVEELOG		
60	1.74	1.96	Miscellaneous	Dredging	Land Side	Landside is at high ground. Spoils from dredging have been placed in this area. (Permit Nos. 13887, 7224, and 7265A). Entry Last Updated : 10/6/2015	USACEPI 13887 7224 7265A		
52	1.96	1.96	Fence	Barbed Wire	Crossing	Barbed wire fence crossing levee crown. Entry Last Updated : 10/6/2015	USACEPI		
5	1.96	1.96	Ramp	Ramp	Land Side	Ramp on both slopes. (ABO No. 9544 - DWR). Entry Last Updated : 1/20/2021	LEVEELOG 9544		
50	1.96	1.96	Ramp	Ramp	Water Side	Ramp on both slopes. (ABO No. 9544 - DWR). Entry Last Updated : 6/12/2015	H_LL_GENERAL 9544		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 02 Colusa Bypass	Right	2.20	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

54	1.99	1.99	Mark	Marker	Crown	Mile Marker on waterside shoulder. LM 2.0. Entry Last Updated : 10/6/2015	H_LL_GENERAL
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1	2.02	2.20	Revetment	Cobble	Water Side	Entry Last Updated : 10/5/2015	LEVEELOG
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83	2.11	2.11	Structure	Gauge	Water Side	Stream gage located at waterside levee toe. (Permit No. 8176) Entry Last Updated : 1/20/2021	USACEINSPECT 8176
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61	2.19	2.19	Structure	Gauge	Water Side	Crest stage gage on the waterward slope. (App. No. 8176 - PG&E). Entry Last Updated : 6/12/2015	H_LL_GENERAL 8176
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65	2.20	2.20	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 6/12/2015	GEILEVEELOG
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66	2.20	2.20	Mark	Boundary	Crown	End of Right Bank Levee of Colusa Bypass, Unit No. 2, turnaround provided. Entry Last Updated : 6/12/2015	GEILEVEELOG
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**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 03 Colusa Bypass	Left	2.29	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
21	0.00	0.00	Mark	Boundary	Crown	End of left Bank Levee of Colusa Bypass, Unit No. 3. Turn around provided. Entry Last Updated : 1/20/2021	LEVEELOG
99	0.00	0.00	Mark	Marker	Crown	Mileage marker located on WS shoulder. LM 0.0. Entry Last Updated : 10/6/2015	LEVEELOG
4	0.00	0.47	Aerial	High Voltage	Land Side	Power poles with lines along landward toe. Entry Last Updated : 6/12/2015	GEILEVEELOG
7	0.01	0.01	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross sections. Entry Last Updated : 6/12/2015	GEILEVEELOG
67	0.01	0.01	At Grade	Road / Highway	Crossing	River Road bridge abutment on the waterside embankment. Entry Last Updated : 10/6/2015	USACEINSPECT
2	0.01	0.01	Fence	Barbed Wire	Water Side	Cross fence, metal drive gate. (State Blank Lock) (ABO No. 9545). Entry Last Updated : 1/20/2021	LEVEELOG 9545
5	0.01	0.01	Fence	Barbed Wire	Land Side	Cross fence, metal drive gate. (State Blank Lock) (ABO No. 9545). Entry Last Updated : 1/20/2021	LEVEELOG 9545
14	0.01	0.01	Gate	Metal	Crown	Cross fence, metal drive gate. (State Blank Lock) (ABO No. 9545). Entry Last Updated : 10/6/2015	H_LL_GENERAL 9545
66	0.01	0.47	Fence	Barbed Wire	Land Side	Fence along landside hinge. Entry Last Updated : 10/6/2015	USACEINSPECT
68	0.01	0.01	Structure	Gauge	Water Side	Stream gage located at the waterside toe. Entry Last Updated : 10/6/2015	USACEINSPECT 10376
64	0.01	0.01	Ramp	Ramp	Water Side	Entry Last Updated : 6/18/2015	LEVEELOG
3	0.02	0.13	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Entry Last Updated : 10/6/2015	GEILEVEELOG
6	0.04	0.04	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 03 Colusa Bypass							Left	2.29	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
13	0.04	0.47	Structure	Stability Berm	Land Side	Berm width varies between these LMs. Entry Last Updated : 1/20/2021	LEVEELOG		
8	0.09	0.09	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
9	0.14	0.14	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
16	0.14	0.14	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. Entry Last Updated : 10/2/2015	USACEPI		
11	0.19	0.19	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
98	0.20	0.24	Aerial	High Voltage	Land Side	Entry Last Updated : 6/18/2015	LEVEELOG		
19	0.22	0.22	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 6/12/2015	GEILEVEELOG		
10	0.24	0.24	Structure	Pole - Utility	Land Side	Power pole close to levee crown at LS toe. Entry Last Updated : 1/20/2021	LEVEELOG		
12	0.24	0.24	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
15	0.29	0.29	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
17	0.34	0.34	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
18	0.41	0.41	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
75	0.47	1.86	Fence	Barbed Wire	Land Side	Fence line within 10- to 15-ft of LS toe. Entry Last Updated : 10/6/2015	USACEINSPECT		
1	0.47	0.47	Ramp	Ramp	Land Side	Entry Last Updated : 10/5/2015	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 03 Colusa Bypass	Left	2.29	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

20	0.48	2.28	Revetment	Cobble	Land Side	Landward slope cobble revetted. Entry Last Updated : 6/12/2015	H_LL_GENERAL
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26	0.50	0.50	Mark	Marker	Crown	Mile Marker on waterside shoulder. LM 0.5. Entry Last Updated : 10/2/2015	H_LL_GENERAL
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34	0.88	0.88	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross-sections. Entry Last Updated : 6/12/2015	GEILEVEELOG
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79	0.92	0.92	Structure	Gauge	Water Side	Stream gage located on waterside embankment. (Permit No. 8176) Entry Last Updated : 10/6/2015	USACEINSPECT 8176
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103	1.00	1.96	Miscellaneous	Dredging	Water Side	Renew application 7265 to borrow material. Entry Last Updated : 1/20/2021	USGSQUAD_EGIS 7265A
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27	1.03	1.03	UCIP	Pipe		DS_ID:17556 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 1 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (two 4-inch gas lines through both levees authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821
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81	1.03	1.03	Structure	Sign	Land Side	Sign for gas pipeline through levee. (Permit No. 15821) Entry Last Updated : 10/6/2015	USACEINSPECT 15821
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28	1.03	1.03	UCIP	Pipe		DS_ID:17557 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 2 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (two 4-inch gas lines through both levees authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 03 Colusa Bypass							Left	2.29	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
29	1.03	1.03	UCIP	Pipe		DS_ID:17558 EP_NO: 15821 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 3 of 3. 4-inch natural gas pipeline under both levees. 12-inch distance between the pipes and two inches on either side of the trench. A gas line marker found on the landside (LS) for all 3 gas lines. (two 4-inch gas lines through both levees authorized under Permit No. 15821, 1991 - Phoenix Oil & Gas). Entry Last Updated : 4/17/2021	UCIPAPR2021 15821		
22	1.05	1.05	Fence	Barbed Wire	Land Side	Barbed wire fence across levee embankments. Entry Last Updated : 1/20/2021	LEVEELOG		
80	1.05	1.05	Ramp	Ramp	Water Side	Vehicle access ramp from the waterside toe to the levee crown. Entry Last Updated : 10/2/2015	USACEINSPECT		
83	1.05	1.05	Fence	Barbed Wire	Water Side	Barbed wire fence across levee embankments. Entry Last Updated : 10/6/2015	USACEINSPECT		
95	1.05	1.05	Gate	Metal	Crown	Entry Last Updated : 10/2/2015	LEVEELOG		
45	1.19	1.19	Ramp	Ramp	Land Side	Vehicle access ramp from the landside toe to the levee crown. (Permit No. 9545) Entry Last Updated : 10/6/2015	USACEPI 9545		
47	1.47	1.47	Mark	Survey	Water Side	DWR survey monument on the waterward slope for channel cross sections. Entry Last Updated : 6/12/2015	GEILEVEELOG		
48	1.50	1.50	Mark	Marker	Crown	Mile Marker on waterside shoulder. LM 1.5. Entry Last Updated : 10/2/2015	H_LL_GENERAL		
85	1.81	1.81	Ramp	Ramp	Water Side	Vehicle access ramp from the WS toe. Entry Last Updated : 10/2/2015	USACEINSPECT		
52	1.81	1.81	Ramp	Ramp	Land Side	Ramp on the landward slopes. Pipe gate on the landward ramp. (ABO No. 9545 - DWR). Entry Last Updated : 6/12/2015	H_LL_GENERAL 9545		
23	1.98	1.98	Fence	Barbed Wire	Land Side	Barbed fence across levee embankment. Entry Last Updated : 1/20/2021	LEVEELOG		
55	1.98	1.98	Fence	Barbed Wire	Water Side	Barbed fence across levee embankment. Entry Last Updated : 10/6/2015	USACEPI		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 03 Colusa Bypass							Left	2.29	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
96	1.98	1.98	Gate	Metal	Crown	Entry Last Updated : 6/18/2015	LEVEELOG		
57	2.00	2.00	Mark	Marker	Crown	Mile Marker on waterside shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
97	2.02	2.02	Ramp	Ramp	Water Side	Entry Last Updated : 6/18/2015	LEVEELOG		
24	2.03	2.03	Fence	Barbed Wire	Land Side	Barbed fence across levee embankment. Entry Last Updated : 1/20/2021	LEVEELOG		
89	2.03	2.03	Fence	Barbed Wire	Water Side	Barbed fence across levee embankment. Entry Last Updated : 10/2/2015	USACEINSPECT		
59	2.14	2.14	Mark	Marker	Crown	DWR survey monument on the waterward slope for channel cross sections. Entry Last Updated : 6/12/2015	GEILEVEELOG		
61	2.24	2.24	Structure	Gauge	Water Side	USGS Three staff gages on the waterward slope. (App. No. 8176 - USGS) Entry Last Updated : 6/12/2015	GEILEVEELOG 8176		
25	2.29	2.29	Mark	Boundary	Crown	Entry Last Updated : 1/20/2021	LEVEELOG		

**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 04 Moulton Bypass	Right	0.30	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits
2	0.00	0.00	Mark	Boundary	Crown	South training levee of Moulton Bypass at Moulton Weir. Mileage runs downstream. Entry Last Updated : 6/12/2015	H_LL_GENERAL
3	0.01	0.22	Revetment	Cobble	Water Side	Waterward slope cobble revetted. Entry Last Updated : 6/12/2015	GEILEVEELOG
5	0.01	0.30	Fence	Barbed Wire	Water Side	Fence along waterward toe. Entry Last Updated : 6/12/2015	GEILEVEELOG
4	0.01	0.27	Aerial	High Voltage	Water Side	Power line along waterward toe. Overhead power line crosses the levee. (ABO No. 9547 - PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9547
21	0.08	0.29	Structure	Pool	Land Side	Pond is located 20 to 30 feet from the landside toe. Pond is approximately 5 feet deep and up to 30 feet wide. Entry Last Updated : 10/6/2015	USACEINSPECT
6	0.17	0.17	Aerial	High Voltage	Crossing	Overhead utility lines cross the levee alignment. (Permit No. 9547). Entry Last Updated : 10/6/2015	USACEPI 9547
1	0.21	0.21	UCIP	Pipe		DS_ID:17559 EP_NO: 2638 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 4.5-inch asphalt coated steel gas pipeline through the levee, 3.0 feet below the crown. Gas line marker on the landside (LS). (4.5-inch gas line authorized under Permit No. 2638, 1957 - Pacific Gas and Electric Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.20), listed as 4.5-inch steel gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 2638
16	0.28	0.28	Ramp	Ramp	Crown	Ramp on landward slope to River Road. Metal drive gate at River Road. (ABO No. 9548 - Carter) Entry Last Updated : 6/12/2015	GEILEVEELOG 9548
13	0.30	0.30	Gate	Metal	Crown	Access gate on levee crown. (Permit No. 9548). Entry Last Updated : 10/15/2019	USACEPI 9548



**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway	Bank	Unit Miles	Inspector
Unit No. 05 Moulton Bypass	Left	2.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

1	0.00	0.00	At Grade	Levee	Crossing	Entry Last Updated : 1/20/2021	LEVEELOG
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2	0.00	0.00	Mark	Boundary	Crown	Entry Last Updated : 10/6/2015	H_LL_GENERAL
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3	0.00	0.00	Ramp	Ramp	Water Side	Entry Last Updated : 1/20/2021	LEVEELOG
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4	0.21	0.21	Ramp	Ramp	Water Side	Two vehicle access ramps, one from the landside toe to the levee crown, one from the waterside toe to the levee crown. Gate on waterside hinge for waterside access ramp. Entry Last Updated : 10/6/2015	USACEPI 9551
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5	0.21	0.21	Ramp	Ramp	Land Side	Two vehicle access ramps, one from the landside toe to the levee crown, one from the waterside toe to the levee crown. Gate on waterside hinge for waterside access ramp. Entry Last Updated : 1/20/2021	LEVEELOG 9551
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6	0.21	0.21	Gate	Metal	Water Side	Gate on waterside hinge for waterside access ramp. Entry Last Updated : 1/20/2021	LEVEELOG
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7	0.22	0.22	Aerial	High Voltage	Crossing	PG&E Overhead power line crosses the levee. (ABO 9552 PG&E) Entry Last Updated : 6/12/2015	GEILEVEELOG 9552
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71	0.72	0.72	Gate	Metal	Crown	Vehicle access gate on the levee crown. Entry Last Updated : 10/6/2015	USACEINSPECT 9550
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16	0.75	0.75	UCIP	Pipe		DS_ID:17562 EP_NO: 3718 Crossing Status: Indicator Found FIELD_STRUCT_DESC: 6-inch steel gas pipeline through the levee, 2.5 ft below the crown. Gas line marker on the waterside (WS) toe. (6-inch line from an existing gas line in Moulton Bypass approximately 700 feet east of Moulton Weir authorized under Permit No. 3718, 1961 - Pacific Gas and Electric Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.75), listed as 6-inch steel gas line]. Entry Last Updated : 4/17/2021	UCIPAPR2021 3718
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## Flood Control Project Maintenance Levee Inspections

### Levee Log Report By Levee Mile - Updated 8/23/2021

## Sutter Maintenance Yard East Levee Sacramento River

Waterway	Bank	Unit Miles	Inspector
Unit No. 05 Moulton Bypass	Left	2.19	Dustin Sanoski

Entry No	Levee Mile		Category	Item	Location	Comment	Source
	Start	End					Permits

15	0.77	0.77	UCIP	Pipe		DS_ID:17561 EP_NO: 9549 Crossing Status: Indicator Found FIELD_STRUCT_DESC: Telephone cable of an unknown size, material, and depth, through the levee. (buried telephone line [HLM 0.76] authorized under Automatic Board Order (ABO) issued as Permit No. 9549, 1974 - Pacific Telephone and Telegraph Company). [Additional Reference(s): DWR Levee Log, 2002 (HLM 0.76), listed as telephone cable no size referenced]. Entry Last Updated : 4/17/2021	UCIPAPR2021 9549
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74	0.77	0.77	At Grade	Road / Highway	Crossing	River Road crosses the levee crown. (Permit No. 9553) Entry Last Updated : 10/6/2015	USACEINSPECT 9553
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20	0.77	0.77	Gate	Metal	Crown	Carter Cross fence, panel gate. (No lock) (ABO 9550-Carter) Entry Last Updated : 6/12/2015	GEILEVEELOG 9550
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80	0.77	1.53	Ditches	Unlined	Water Side	Irrigation ditch approximately 15 feet from the waterside toe. Ditch is 5 feet wide and 3 feet deep. Entry Last Updated : 10/6/2015	USACEINSPECT
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64	0.77	1.53	Fence	Barbed Wire	Water Side	Fence at WS toe. Entry Last Updated : 10/6/2015	LEVEELOG
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79	0.79	0.79	Miscellaneous	Irrigation	Land Side	Water spigot at the landside levee toe. Entry Last Updated : 10/6/2015	USACEINSPECT
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97	0.81	1.48	Ditches	Unlined	Land Side	Entry Last Updated : 6/16/2015	LEVEELOG
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24	0.92	0.92	Gate	Metal	Crown	Cross fence, panel gate. Entry Last Updated : 6/12/2015	GEILEVEELOG
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83	1.09	1.09	Structure	Tank	Land Side	Water tank and spigot at landside levee toe. Entry Last Updated : 10/6/2015	USACEINSPECT
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8	1.10	1.10	Fence	Barbed Wire	Water Side	Gate on levee crown and fence on landside and waterside embankments. Entry Last Updated : 1/20/2021	LEVEELOG
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9	1.10	1.10	Fence	Barbed Wire	Land Side	Gate on levee crown and fence on landside and waterside embankments. Entry Last Updated : 1/20/2021	LEVEELOG
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**Flood Control Project Maintenance**  
**Levee Inspections**  
**Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 05 Moulton Bypass							Left	2.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
84	1.10	1.10	Gate	Metal	Crown	Gate on levee crown and fence on landside and waterside embankments. Entry Last Updated : 10/6/2015	USACEINSPECT		
29	1.10	1.10	Ramp	Ramp	Water Side	Two vehicle access ramps on ws embankment from toe to the crown. Entry Last Updated : 10/6/2015	USACEPI		
87	1.11	1.11	Structure	Post	Land Side	Four 4x4 wooden fence posts at the landside hinge. Entry Last Updated : 10/6/2015	USACEINSPECT		
35	1.15	1.15	Structure	Post	Land Side	Two 8 inch by 8 inch wooden fence posts at the landside hinge. Entry Last Updated : 10/6/2015	USACEPI		
10	1.20	1.20	Fence	Barbed Wire	Water Side	Vehicle access gate on levee crown and barbed wire fence on the landside and waterside embankments. Entry Last Updated : 1/20/2021	LEVEELOG		
11	1.20	1.20	Fence	Barbed Wire	Land Side	Vehicle access gate on levee crown and barbed wire fence on the landside and waterside embankments. Entry Last Updated : 1/20/2021	LEVEELOG		
88	1.20	1.20	Gate	Metal	Crown	Vehicle access gate on levee crown and barbed wire fence on the landside and waterside embankments. Entry Last Updated : 10/6/2015	USACEINSPECT		
89	1.22	1.22	Ramp	Ramp	Land Side	Two vehicle access ramps on landside embankment from toe to the crown. Entry Last Updated : 10/6/2015	USACEINSPECT		
98	1.51	1.51	Structure	Pole - Utility	Land Side	Entry Last Updated : 1/20/2021	LEVEELOG		
91	1.52	1.52	At Grade	Levee	Water Side	Training levee on waterside embankment. (Permit No. 9550) Entry Last Updated : 10/6/2015	USACEINSPECT 9550		
47	1.53	1.53	Aerial	High Voltage	Crossing	Overhead power line crosses the levee. (App. No. 6041 - PG&E). Entry Last Updated : 6/12/2015	H_LL_GENERAL 6041		
12	1.59	1.59	Ramp	Ramp	Land Side	Vehicle access ramps from toe to the levee crown on landside and waterside embankments with an access gate on levee crown. Entry Last Updated : 1/20/2021	LEVEELOG		

**Flood Control Project Maintenance  
Levee Inspections  
Levee Log Report By Levee Mile - Updated 8/23/2021**

**Sutter Maintenance Yard East Levee Sacramento River**

Waterway							Bank	Unit Miles	Inspector
Unit No. 05 Moulton Bypass							Left	2.19	Dustin Sanoski
Entry No	Levee Mile		Category	Item	Location	Comment	Source		
	Start	End					Permits		
96	1.59	1.59	Ramp	Ramp	Water Side	Vehicle access ramps from toe to the levee crown on landside and waterside embankments with an access gate on levee crown. Entry Last Updated : 10/6/2015	USACEINSPECT		
49	1.59	1.59	Gate	Metal	Crown	Cross fence, steel panel gate. Entry Last Updated : 6/12/2015	GEILEVEELOG		
56	1.59	1.91	Fence	Barbed Wire	Land Side	Fence along the landward shoulder. Entry Last Updated : 6/12/2015	H_LL_GENERAL		
95	1.59	2.18	Ditches	Unlined	Land Side	Irrigation ditch of 4 feet deep and 9 feet wide within 10 feet of landside toe. Entry Last Updated : 10/6/2015	USACEINSPECT		
52	1.60	2.18	Fence	Barbed Wire	Land Side	Fence along the landward shoulder. Entry Last Updated : 6/12/2015	GEILEVEELOG		
54	1.60	1.60	UCIP	Culvert	Crossing	DS_ID:17560 EP_NO: Crossing Status: Not Found FIELD_STRUCT_DESC: *NOT THROUGH LEVEE - OUTSIDE PROJECT LEVEE* 12-inch corrugated metal drainage pipe under levee. [Additional Reference(s): DWR Levee Log, 2002 (HLM 1.60), listed as 12-inch pipe]. Entry Last Updated : 4/17/2021	UCIPAPR2021		
100	1.61	1.91	Ditches	Unlined	Water Side	Entry Last Updated : 6/16/2015	LEVEELOG		
99	1.61	1.61	Ramp	Ramp	Land Side	Entry Last Updated : 6/16/2015	LEVEELOG		
13	1.91	1.91	Ramp	Ramp	Land Side	Ramps on both slopes. Entry Last Updated : 1/20/2021	LEVEELOG		
50	1.91	1.91	Ramp	Ramp	Water Side	Ramps on both slopes. Entry Last Updated : 6/16/2015	H_LL_GENERAL		
57	2.00	2.00	Mark	Boundary	Crown	End of left bank levee of Moulton Bypass, Unit No. 5. Turn around provided. Entry Last Updated : 6/12/2015	H_LL_GENERAL		